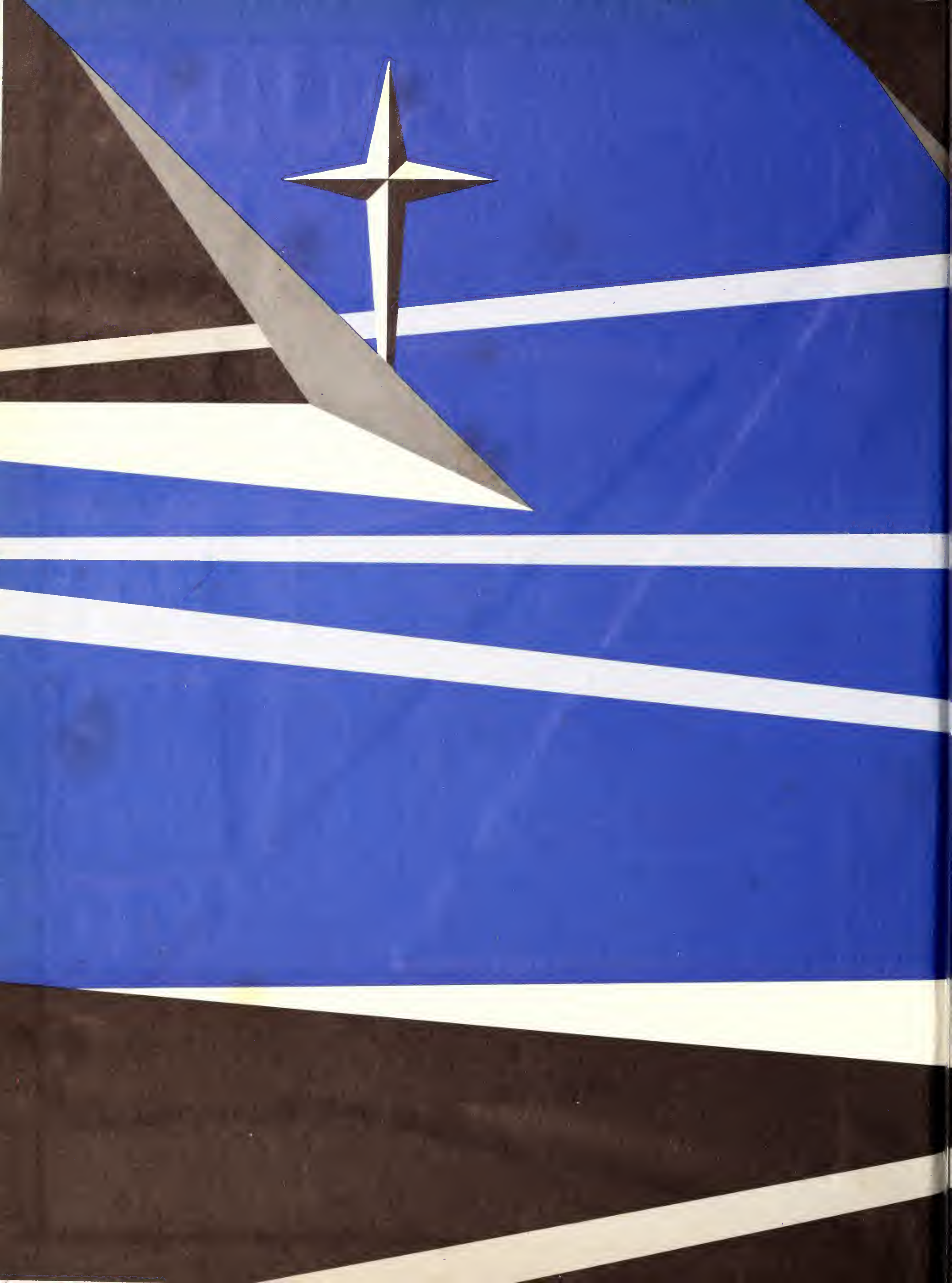


POLARIS

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The United States Air Force Cadet Wing

Presents

POLARIS

1960

Volume 2





Academy Life in Color	1
Dignitaries	34
June Week	42
Class of 1960	58



Table of Contents

Class of 1961 102

Class of 1962 124

Class of 1963 150

Personnel 172

Varsity Sports 202

Intramural Sports 256

Social Life 276

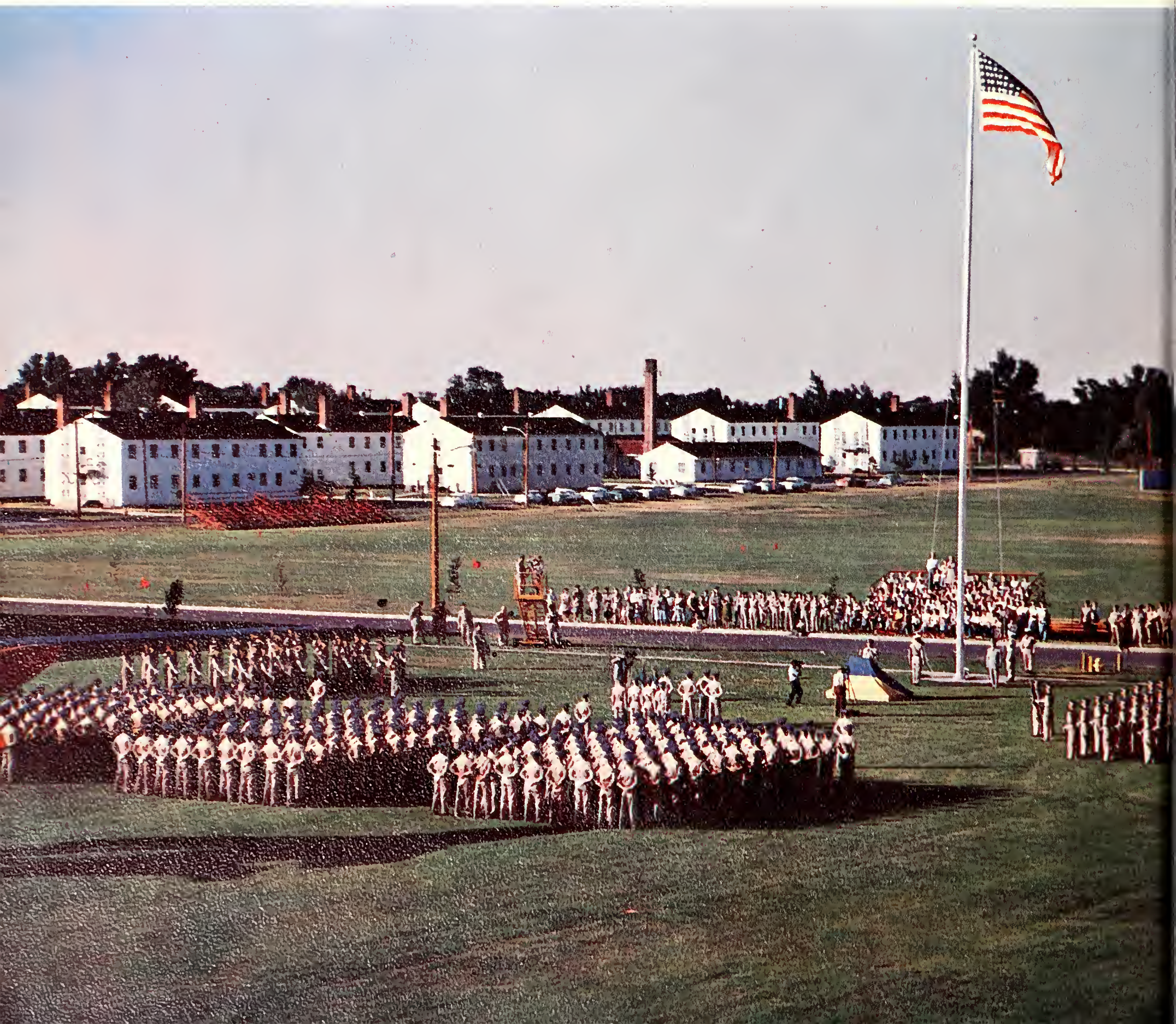
Cadet Activities 296



Memorable

June

Enter the Class of 1960



Moments:

1956



The Air Force Academy's first underclass





Memorable Moments: The first year, just one game after another.

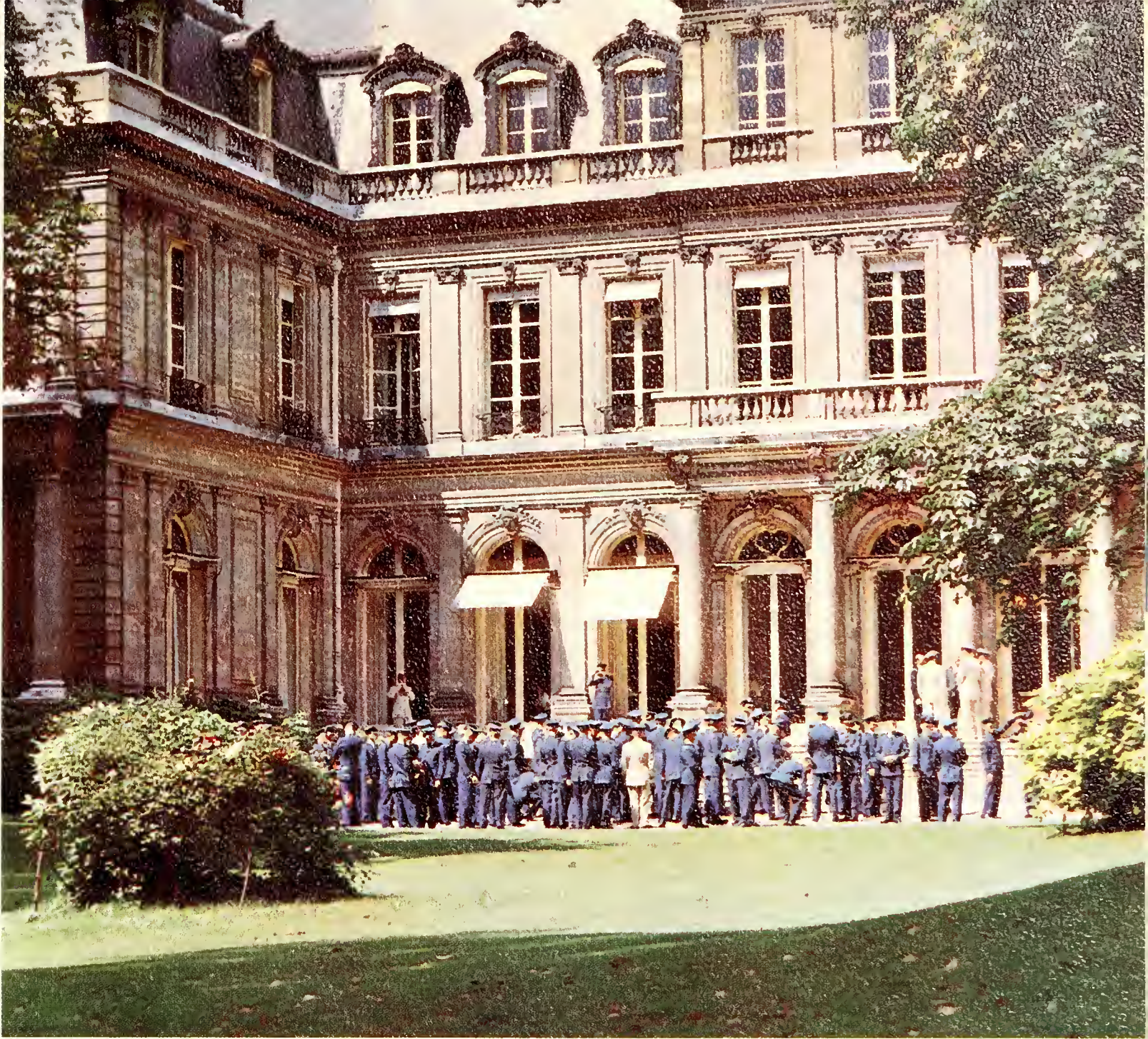






Memorable Moments: Europe in the summer.





The Grand Tour with ear plugs.





Memorable Moments: Germany, France, England, Spain.







Memorable

We paid
our first
as we
to fulfill



Moments:

tribute to
leader
worked
his dream.





Dedication

The United States Air Force Academy

Graduating Class of 1960

Respectfully Dedicates the 1960 Polaris

To The Memory of

General of The Air Force

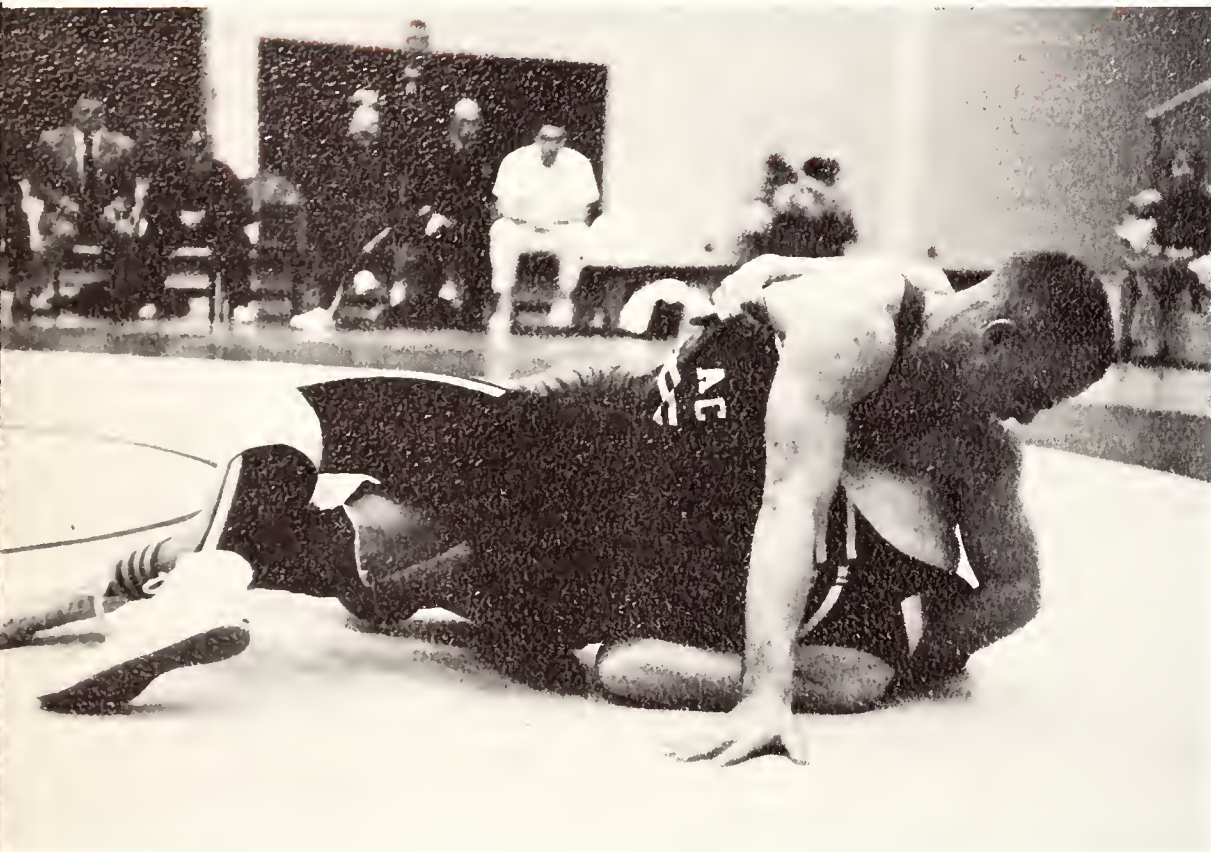
Henry H. "Hap" Arnold

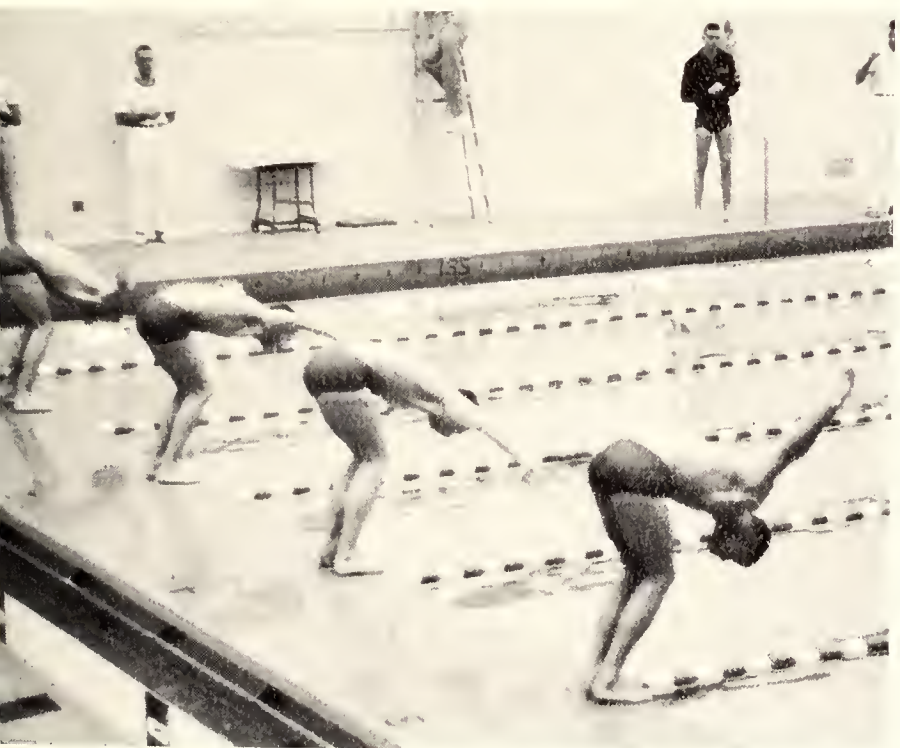
**Under his guidance the Air Force
developed from an Army Brat into the
magnificent, full-fledged partner in the
defense establishment that it is today.**



Memorable Moments:

When it came to sports — we were

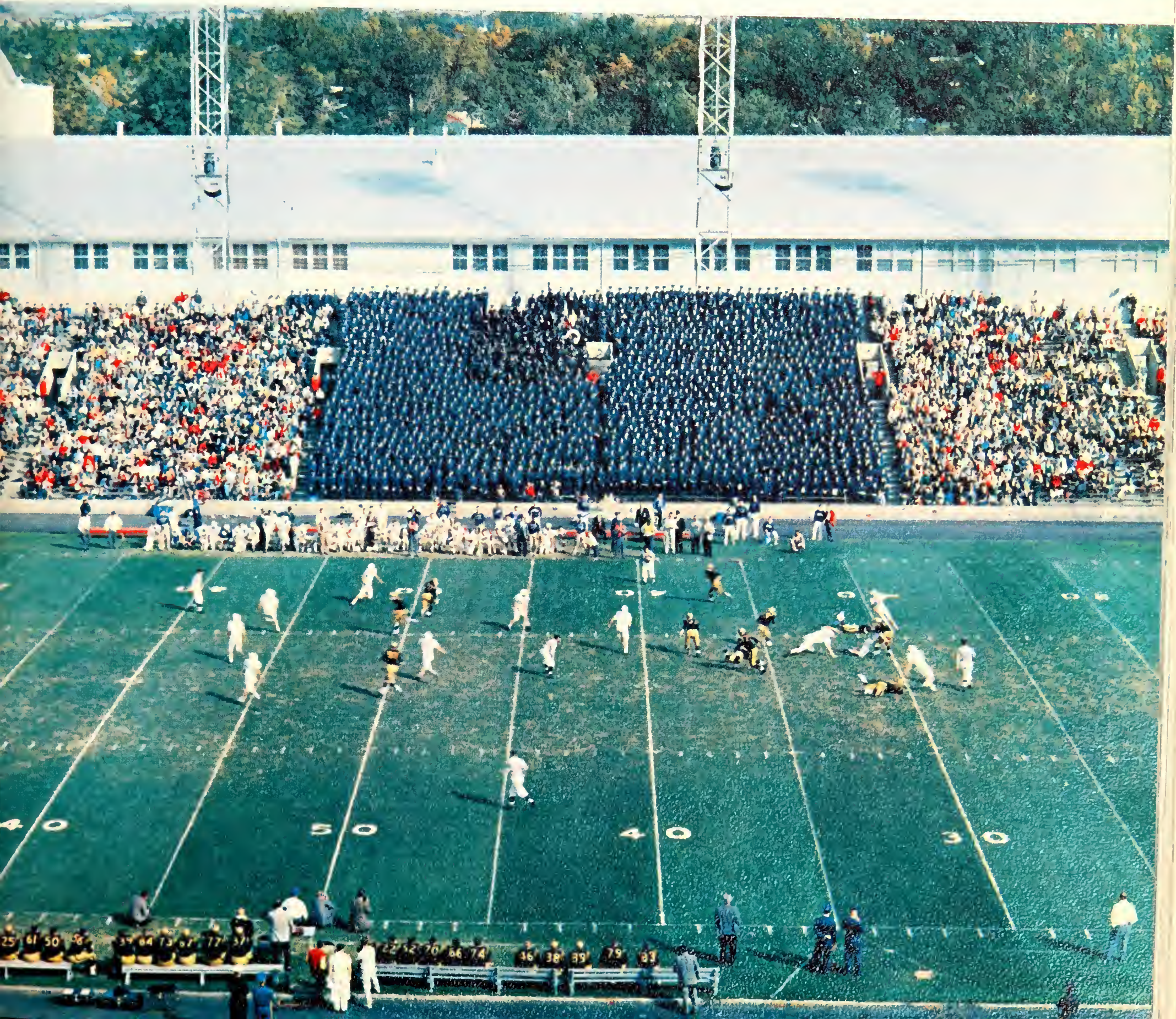






Memorable Moments: Our Falcon became a feared competitor.





Message from the Superintendent
to
The Class of 1960

You, the Class of 1960, will have a significant place in history as the second class of cadets to graduate from the United States Air Force Academy. In your class we have seen the fruition of our hopes for the Curriculum Enrichment Program with the graduation of fifty-nine individuals awarded a major in a specific area of study. Perhaps even more significant to future classes at the Academy is the accomplishment of the seven cadets who achieved a double major. These achievements, though outstanding, I believe are typical of the effort and attitude of the Class of 1960.

This, as you know, has been my first year as Superintendent of the Air Force Academy. Therefore, I feel particularly close to the Class of '60 and take special pride in your fine record of academic and military achievement. I will follow your careers as commissioned officers in the Armed Forces of the United States with intense interest and confidence in your success.

None of us knows what developments the future will reveal. In your training here we have attempted to prepare you for any eventuality. Your future is now largely in your own hands. Good luck and Godspeed.

W. S. STONE
Major General, USAF
Superintendent





Memorable Moments: 'Twas not all books and drill in Aluminumville.





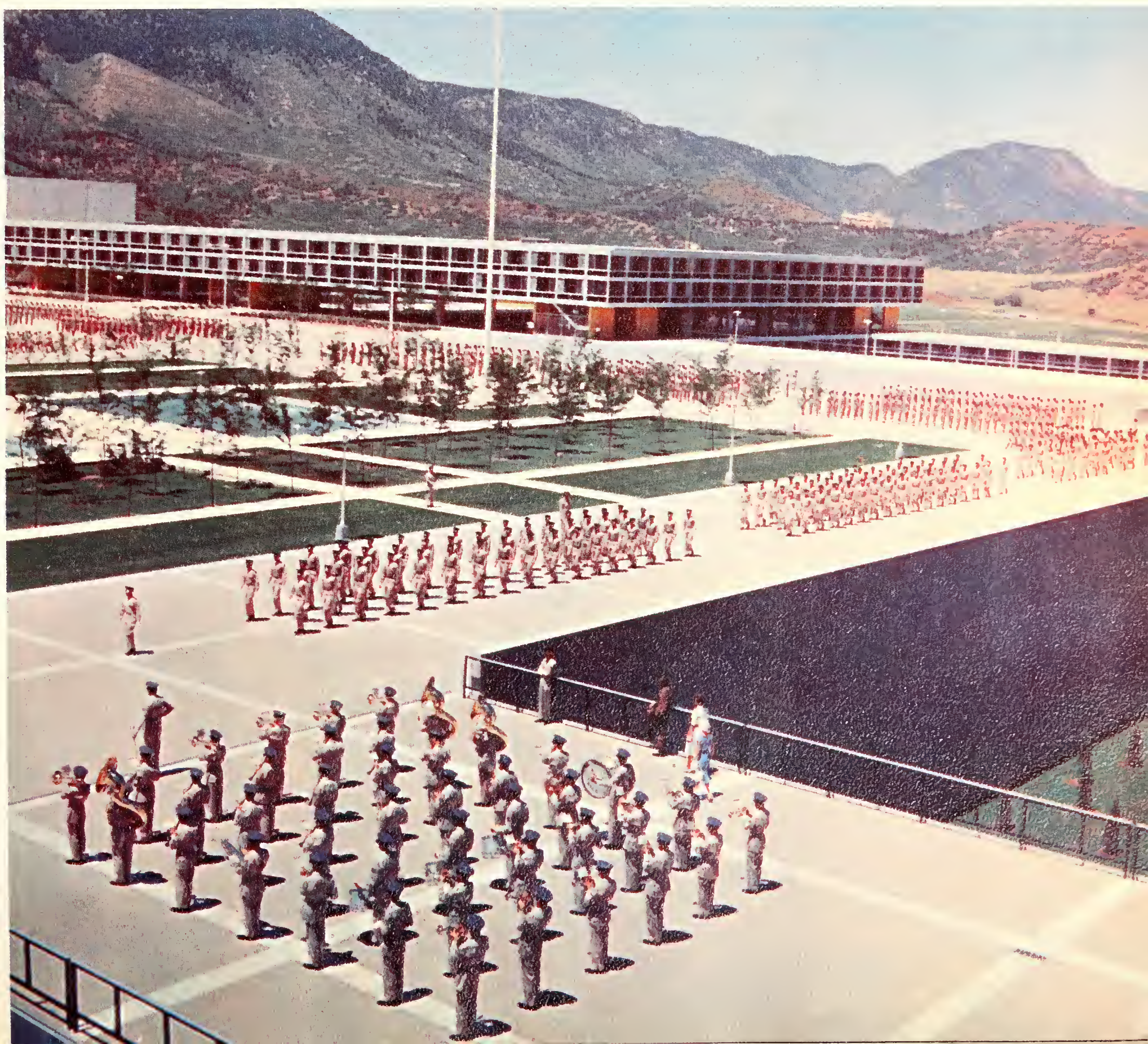






Moments:

Awards, Drills, Flying, all part of the curriculum designed to turn out the best darn 2nd Lieutenants available.





Memorable Moments:

June Week, that
wonderful time when
suddenly there ain't
no more Doolies.



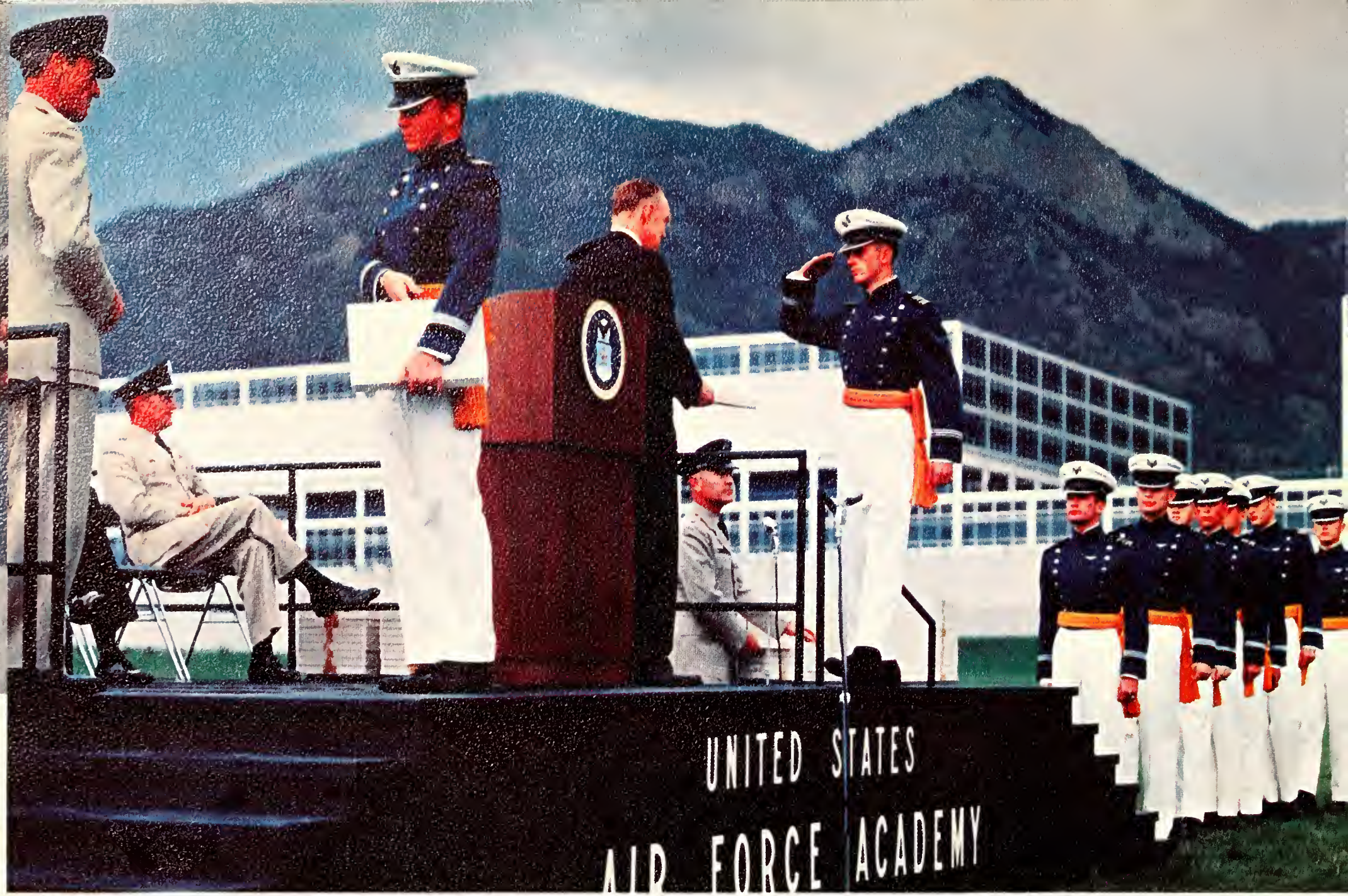




Memorable Moments:

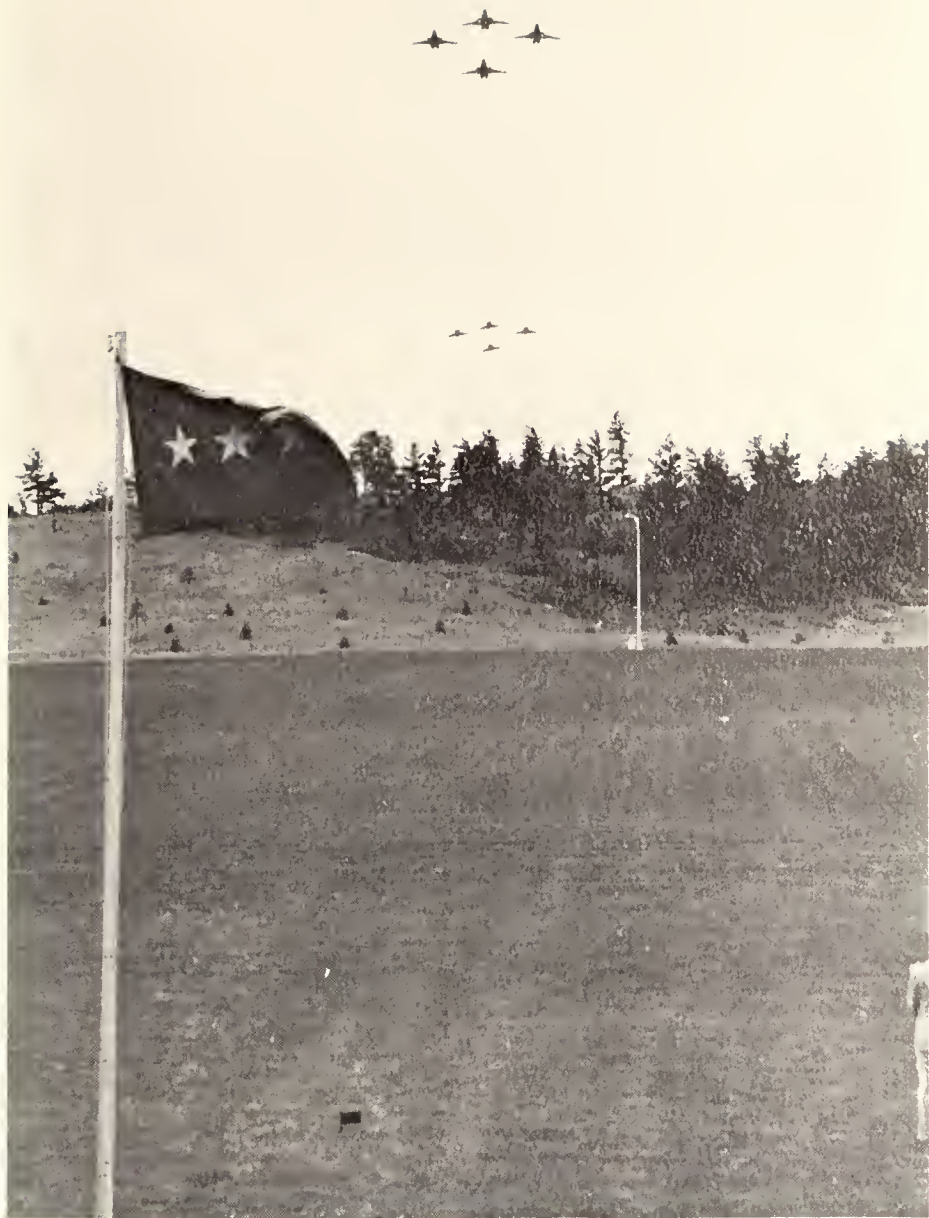
June Week, that
estatic interval
of Dancing, Dining,
and Drilling leading
up to . . .





The Memorable Moment!





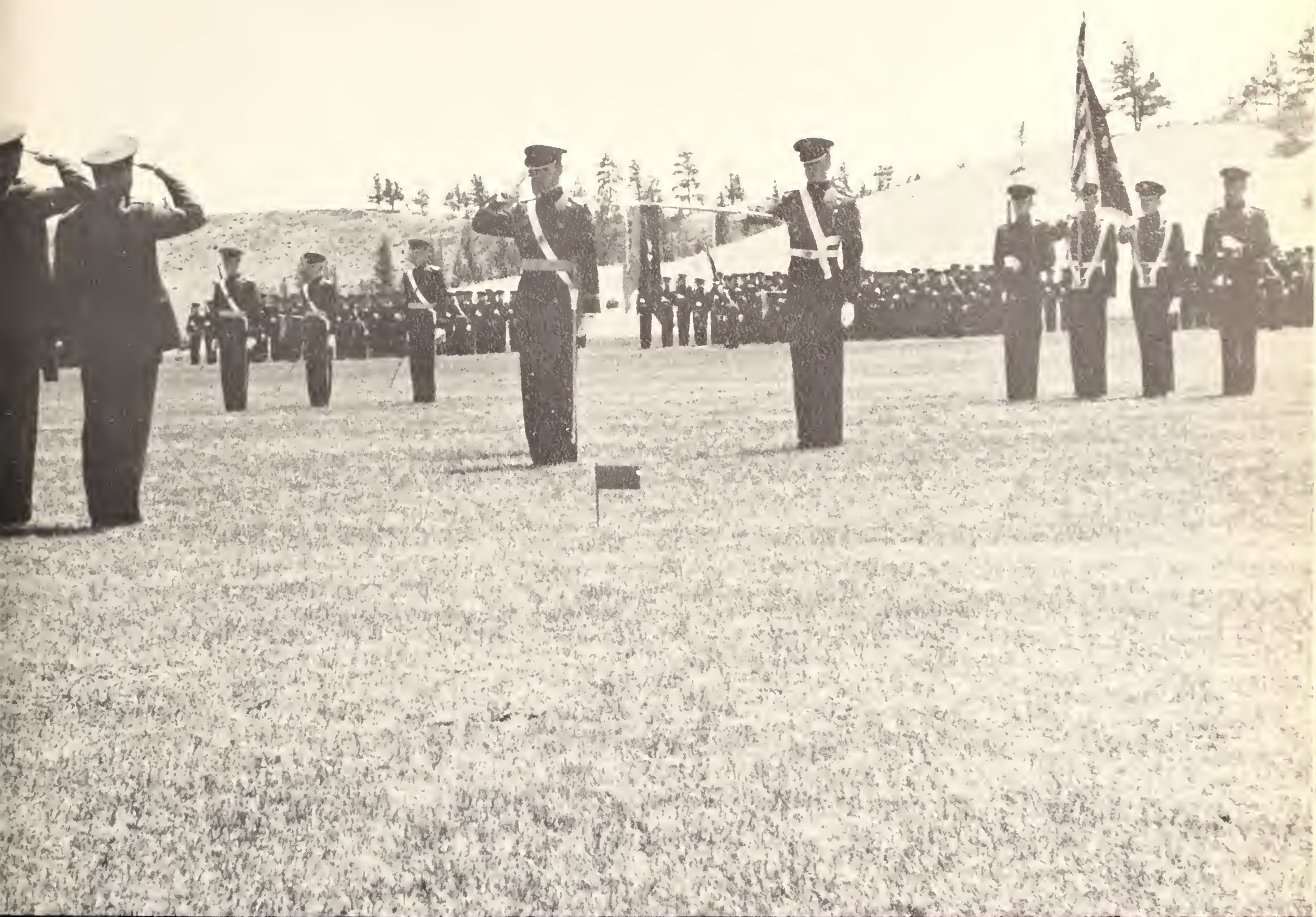
Not even rain. . .



Could dampen our spirits.



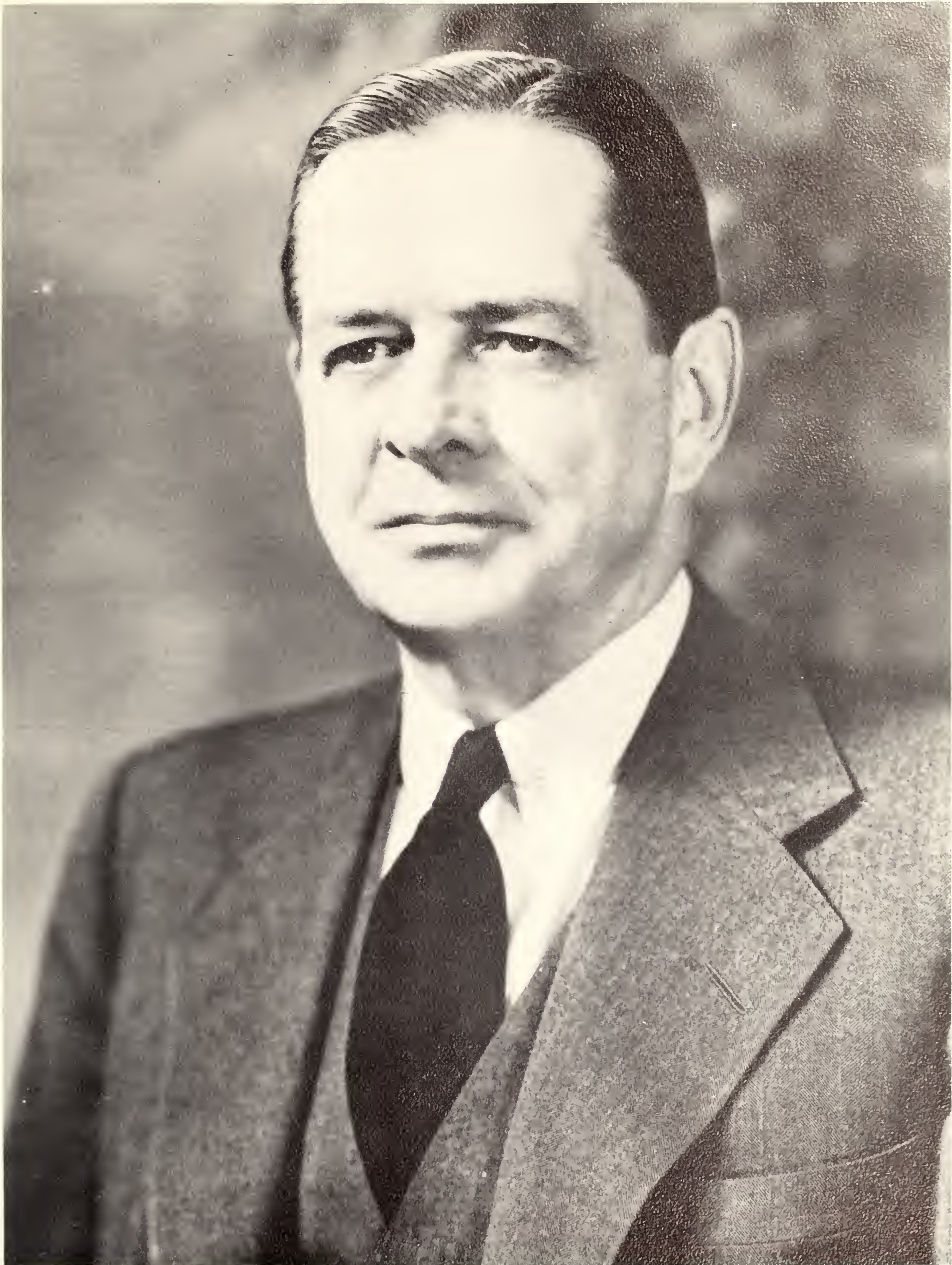




Dignitaries



DWIGHT D. EISENHOWER
The Commander In Chief



THE HONORABLE JAMES H. DOUGLAS
Secretary of the Air Force



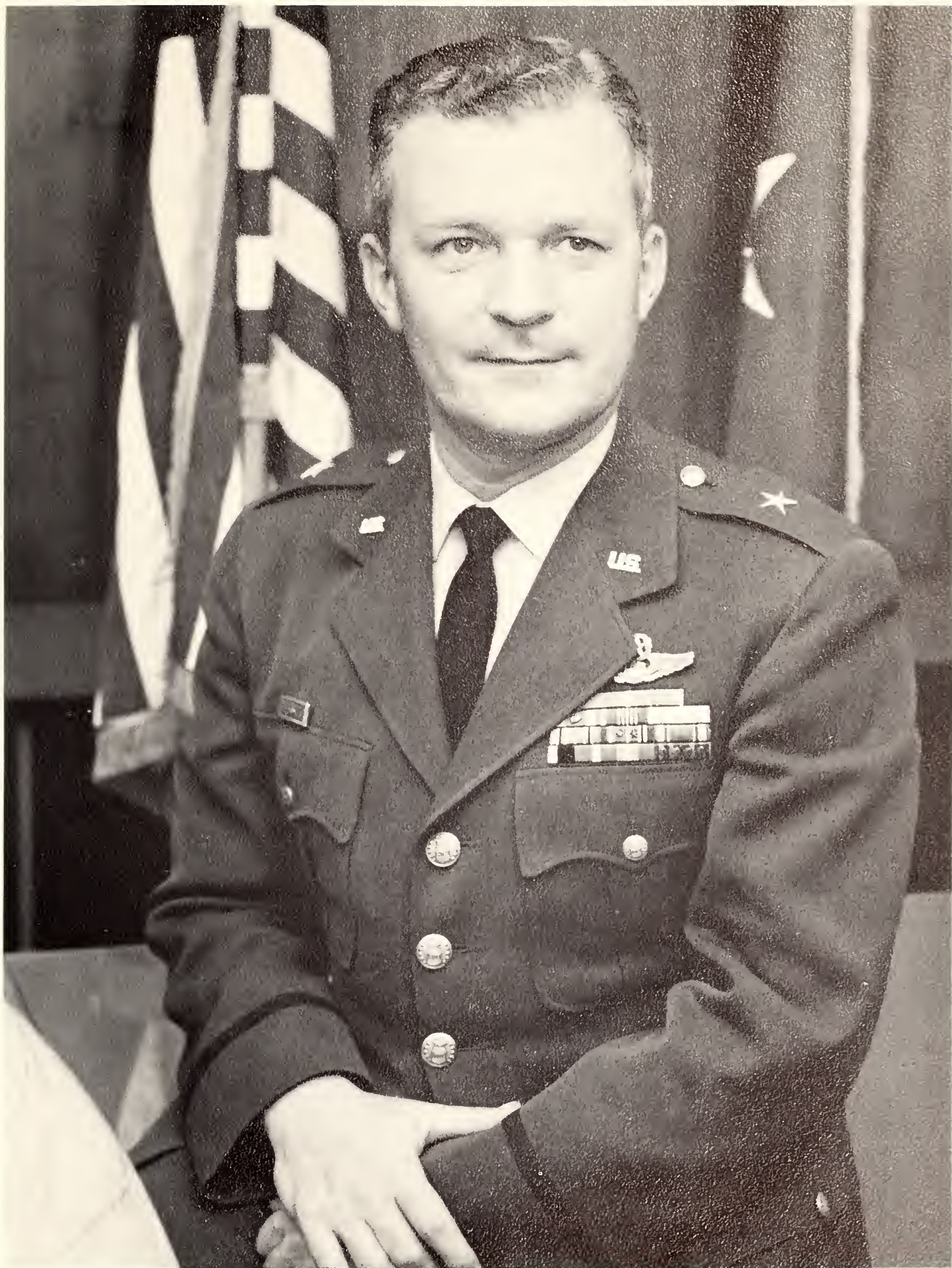
GENERAL NATHAN F. TWINING
Chairman, Joint Chiefs of Staff



GENERAL THOMAS D. WHITE
Chief of Staff, U. S. Air Force



MAJ. GEN. HENRY R. SULLIVAN
Commandant of Cadets



BRIG. GEN. ROBERT F. McDERMOTT
Dean of Faculty



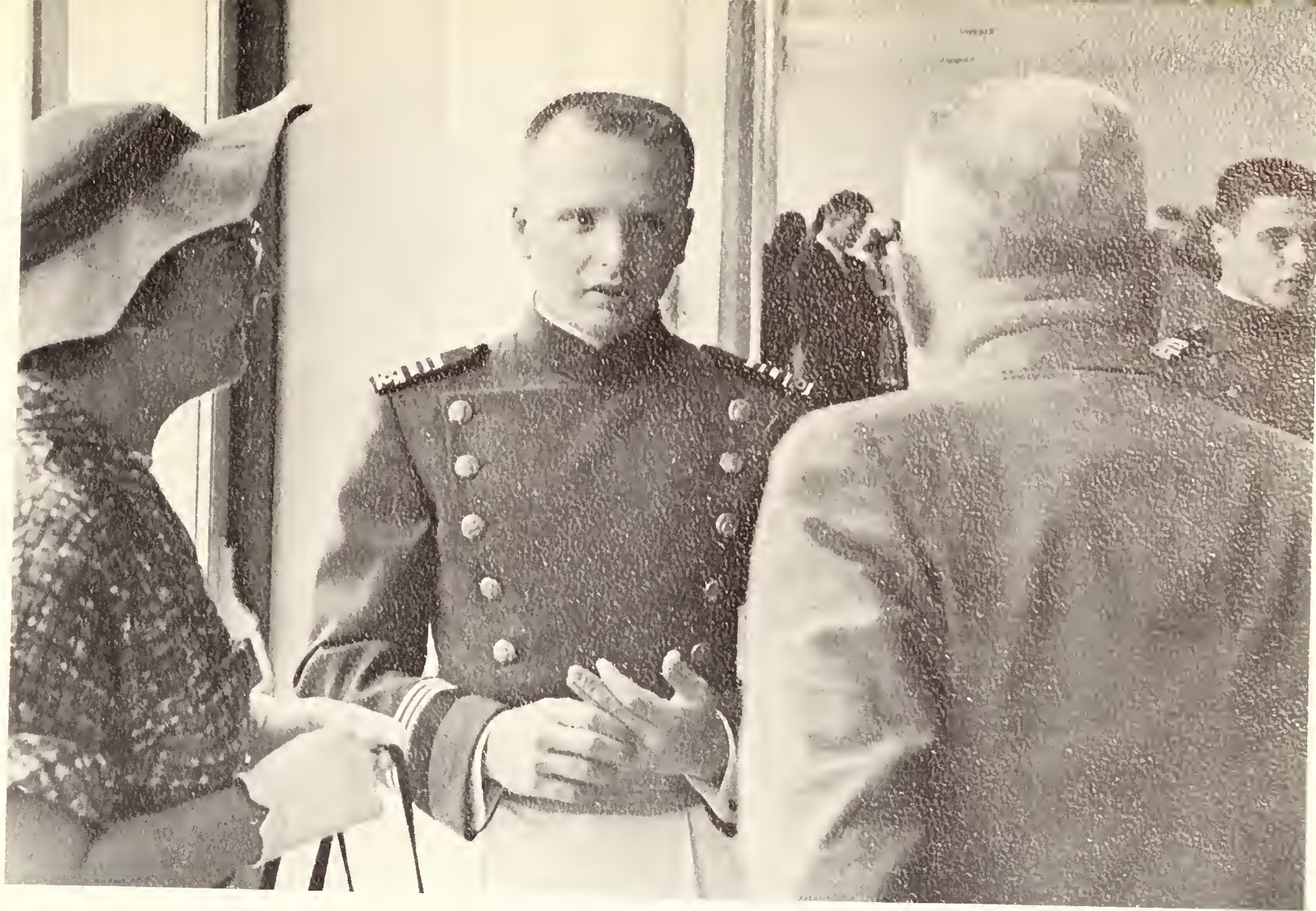


June Week 1960



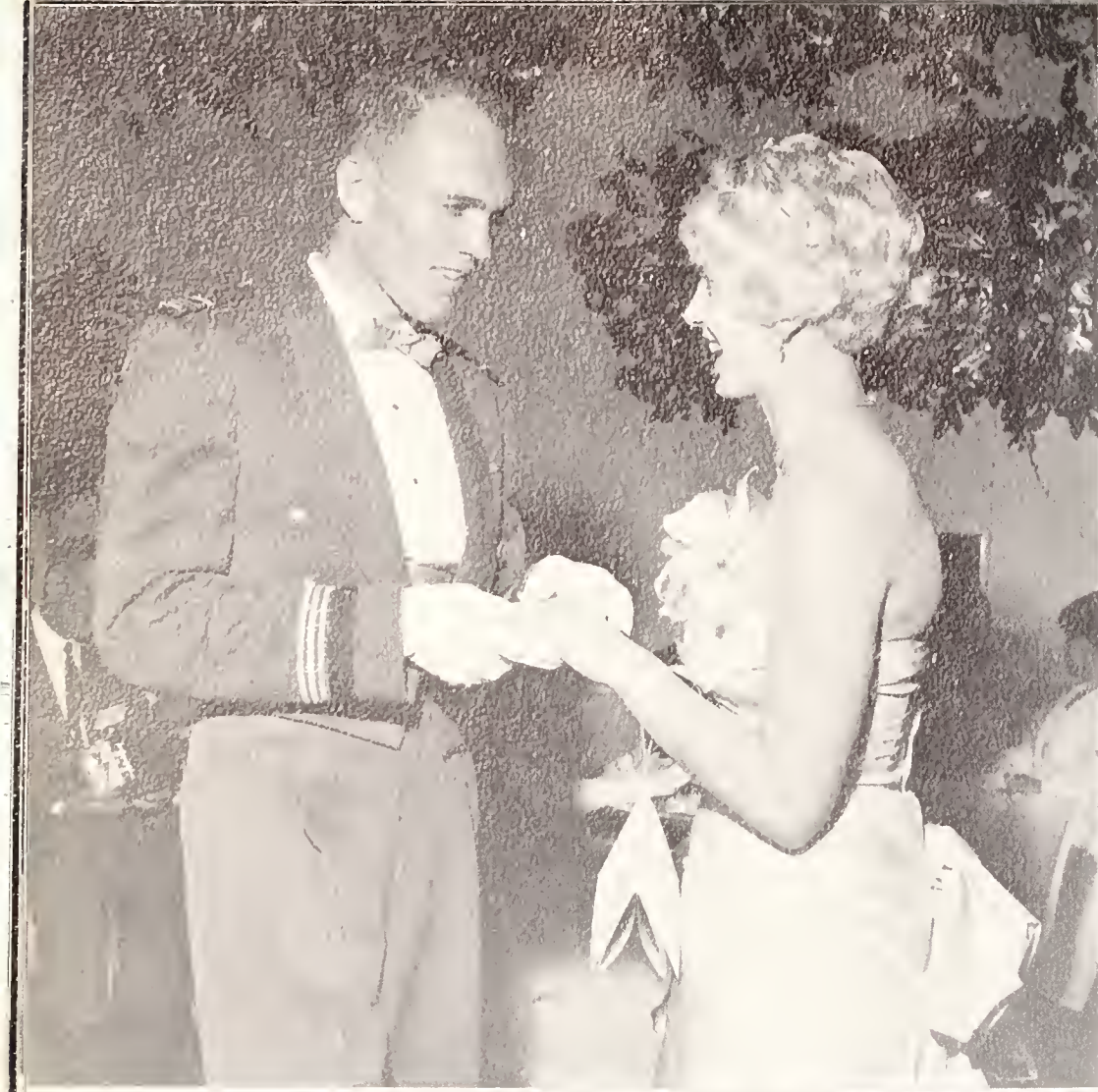
After a long cold winter full of GR's, snow, GR's, wind, GR's, sleet and GR's . . .





Suddenly 'twas spring—in fact, 'twas June—and the place was overrun by civilians.

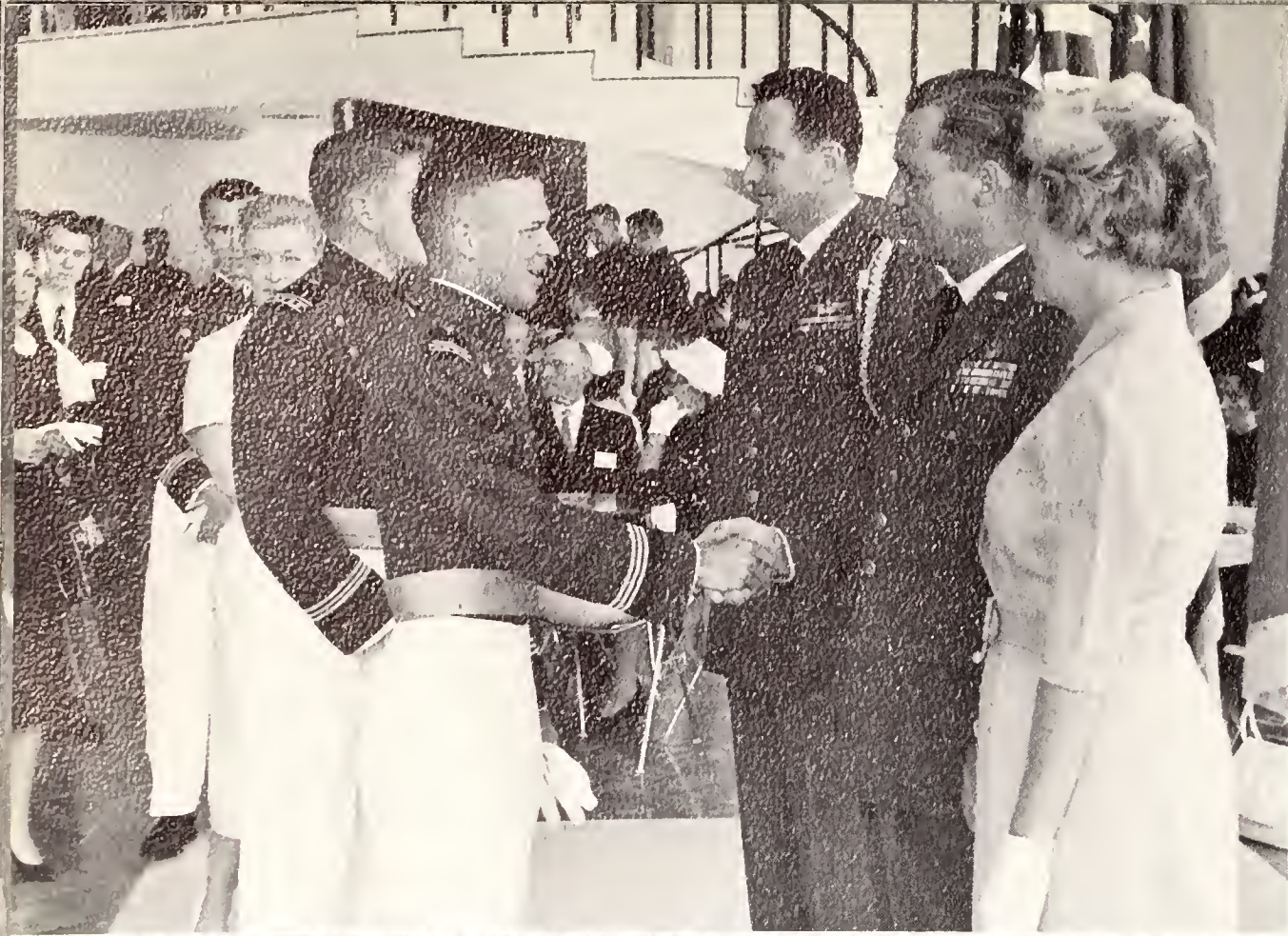


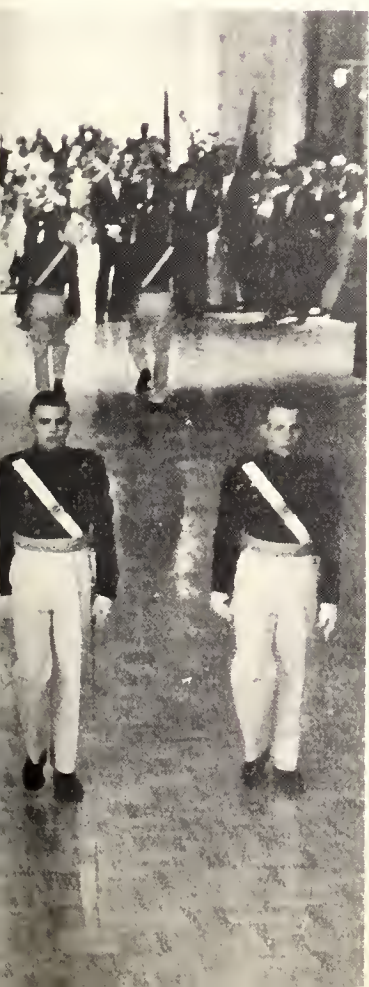
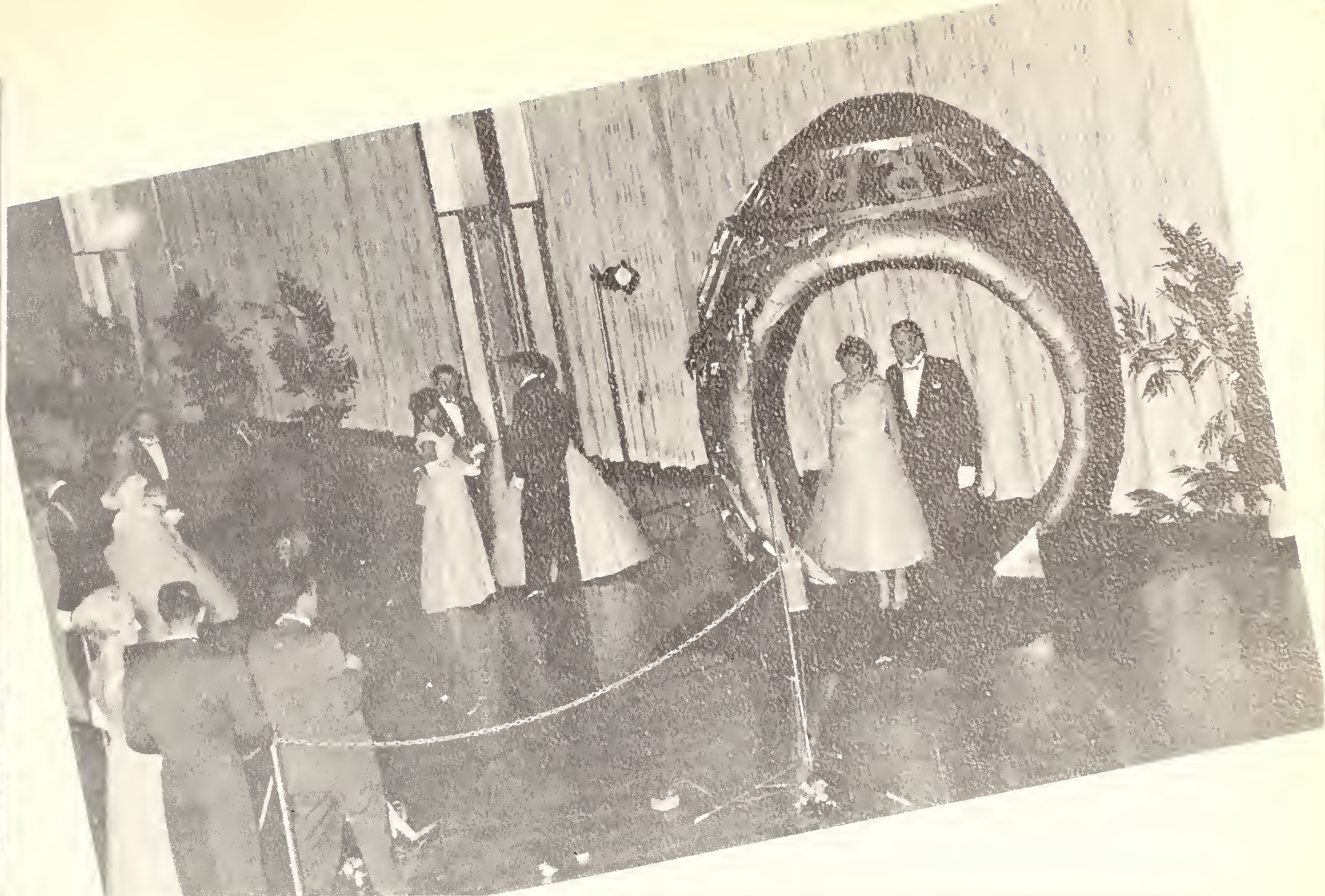




We found it
to be very nice,
Being overrun . . .
'Specially by these
Civilian Types.



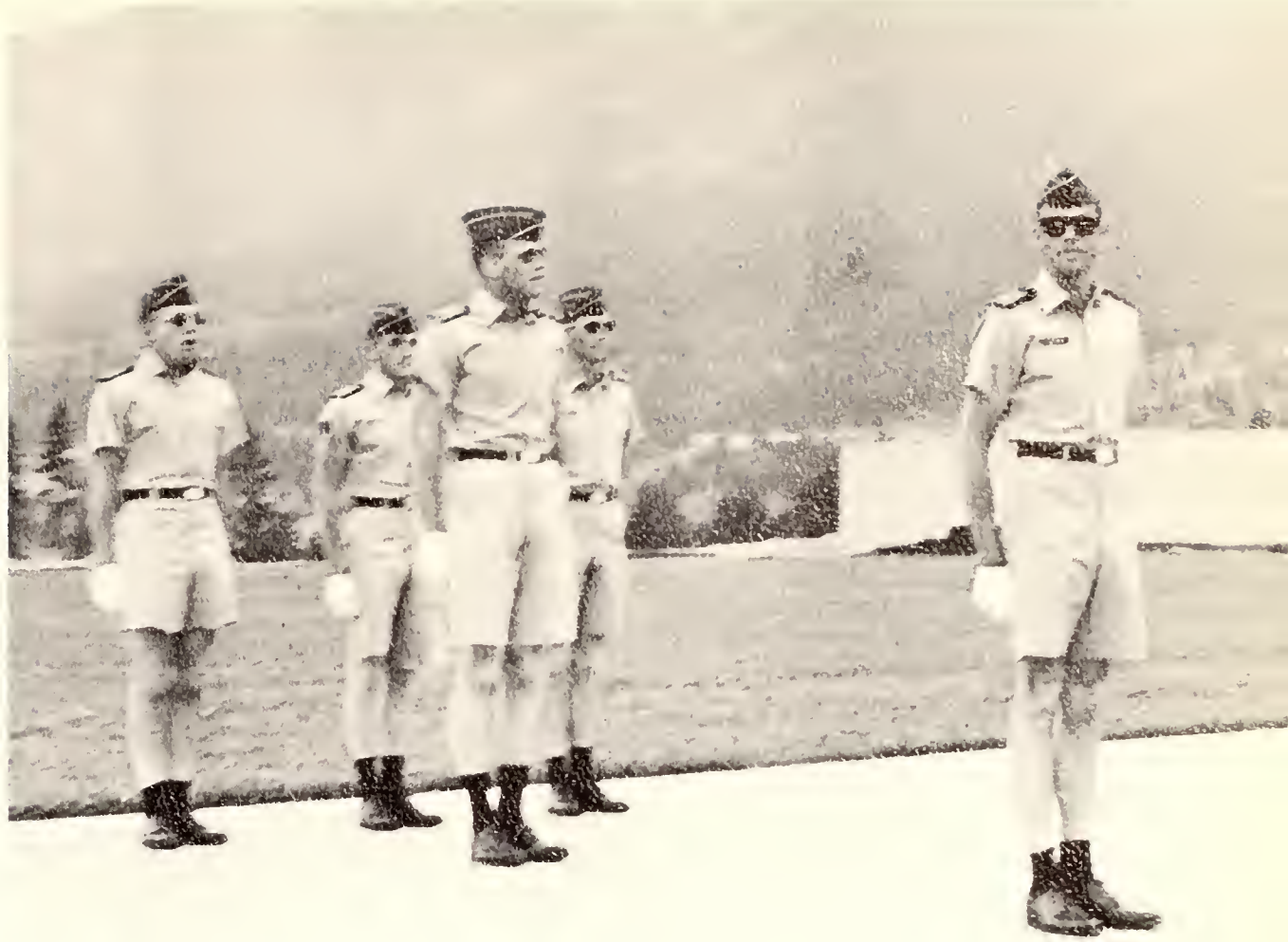




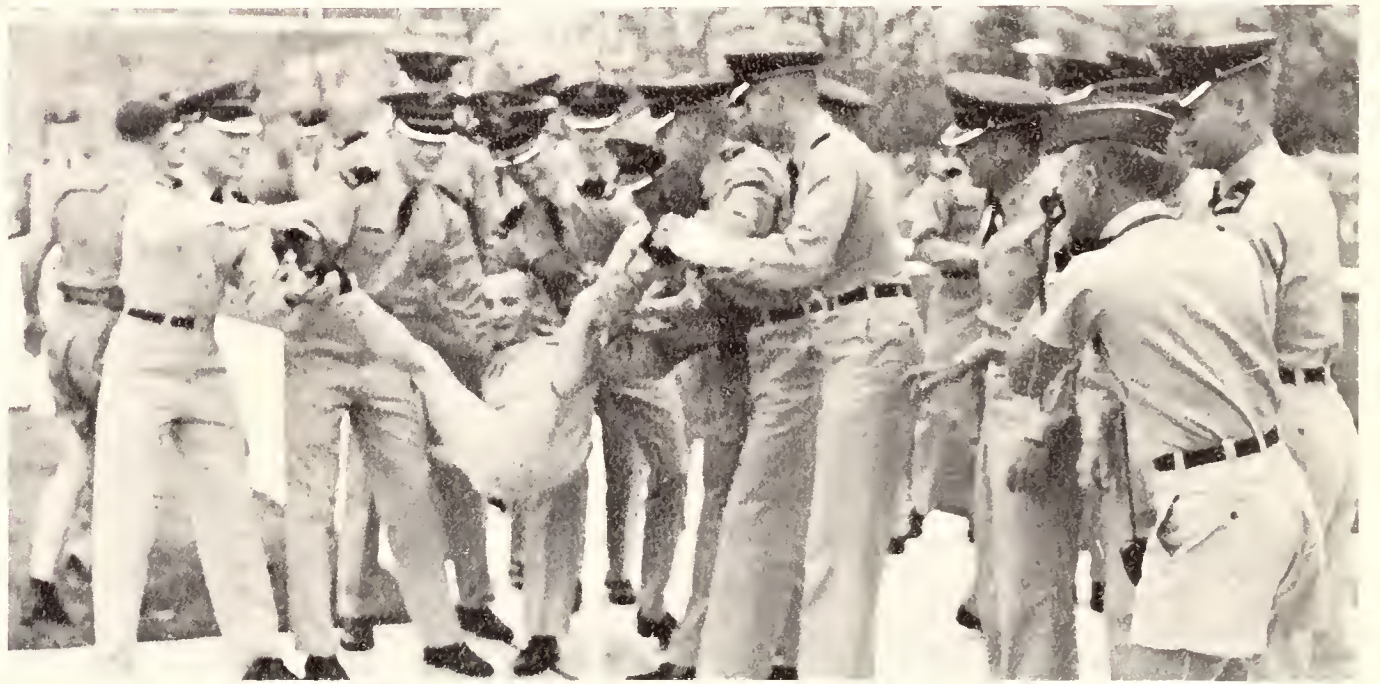


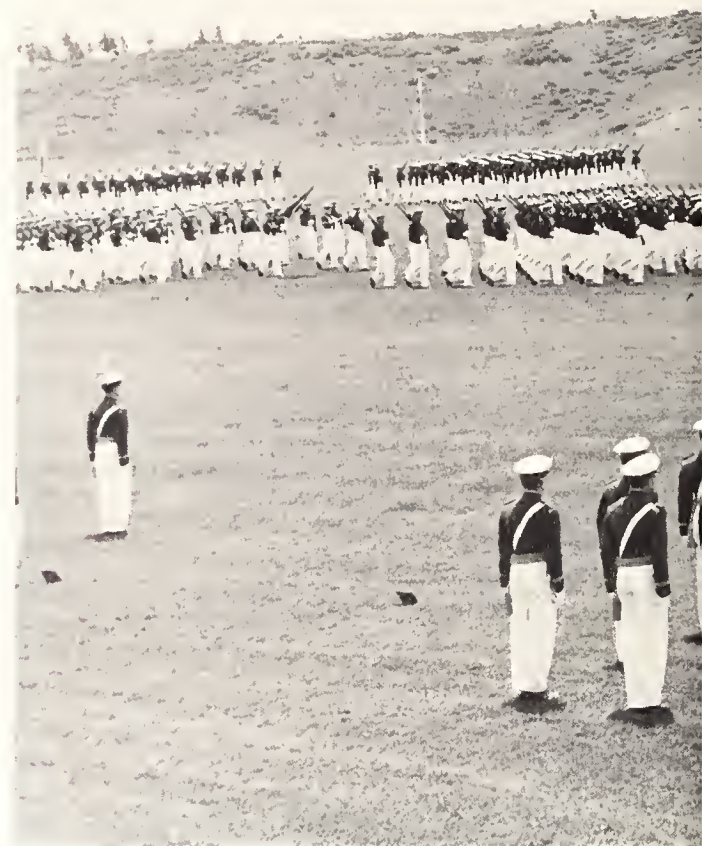
We spent some time



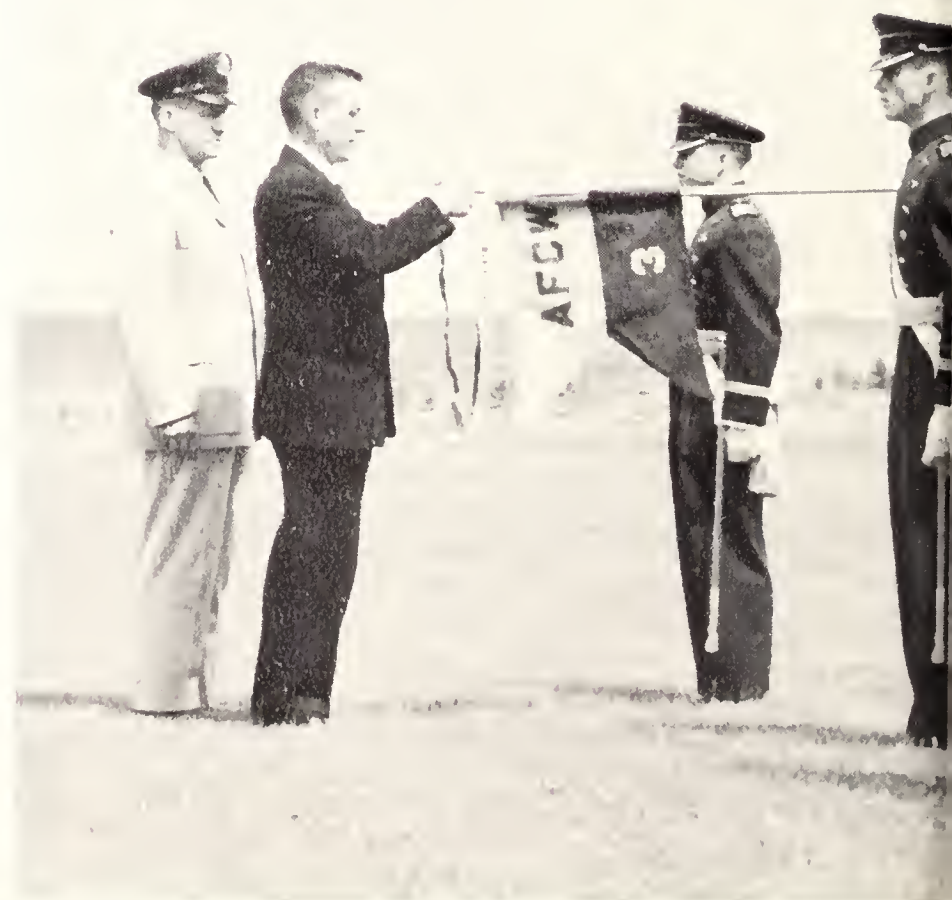


working, too.





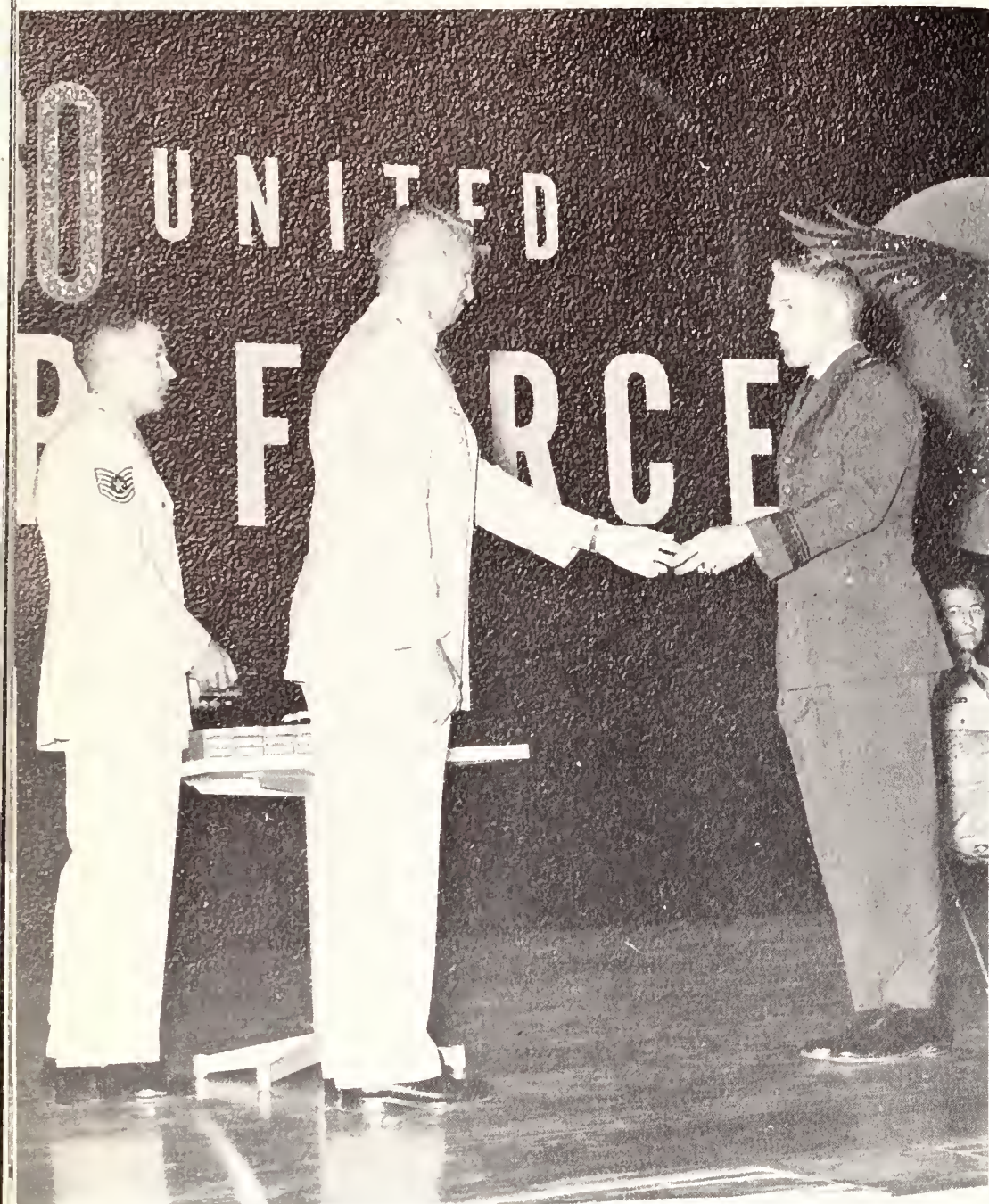
June Week is alway





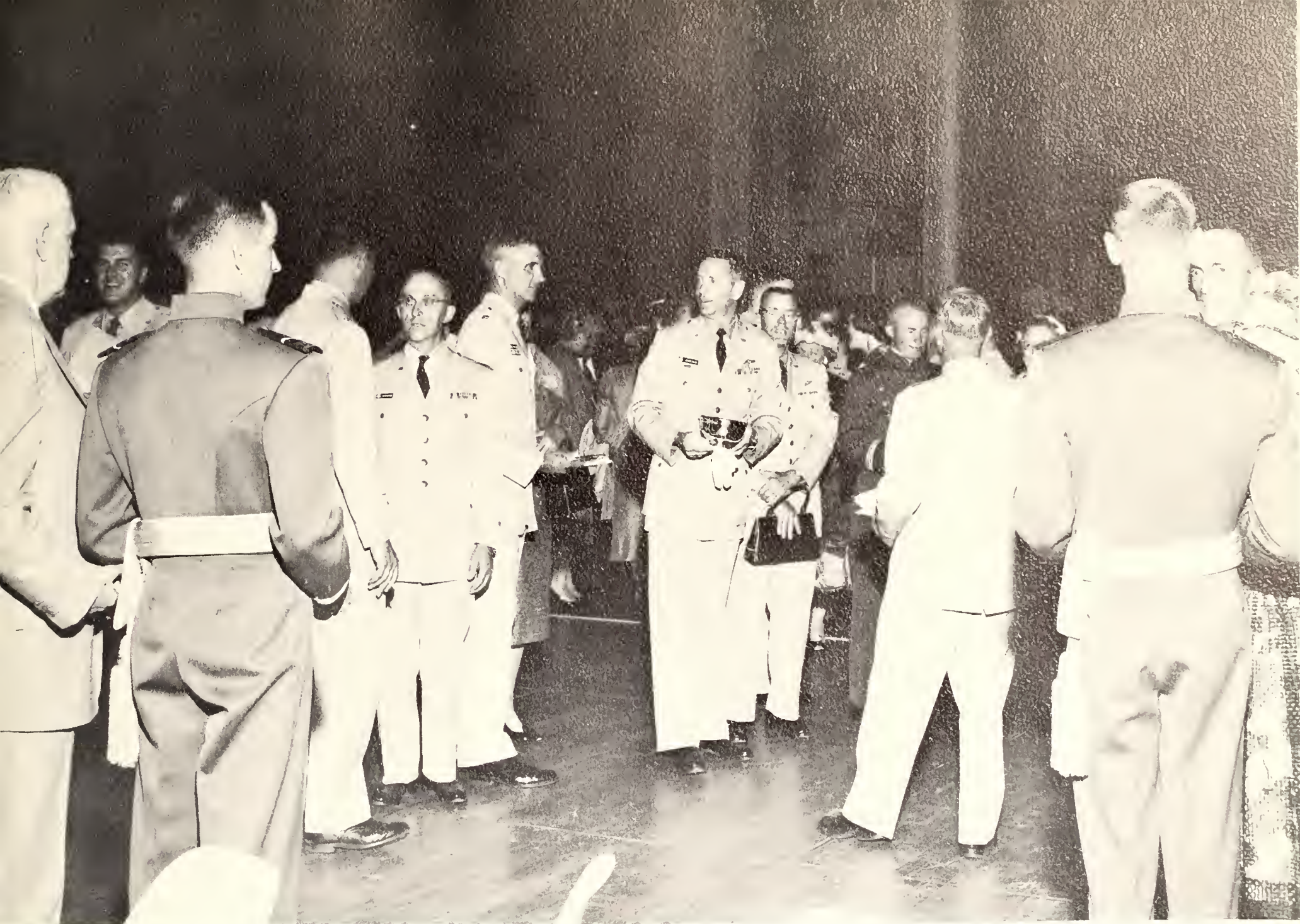
... time for P-rades ...





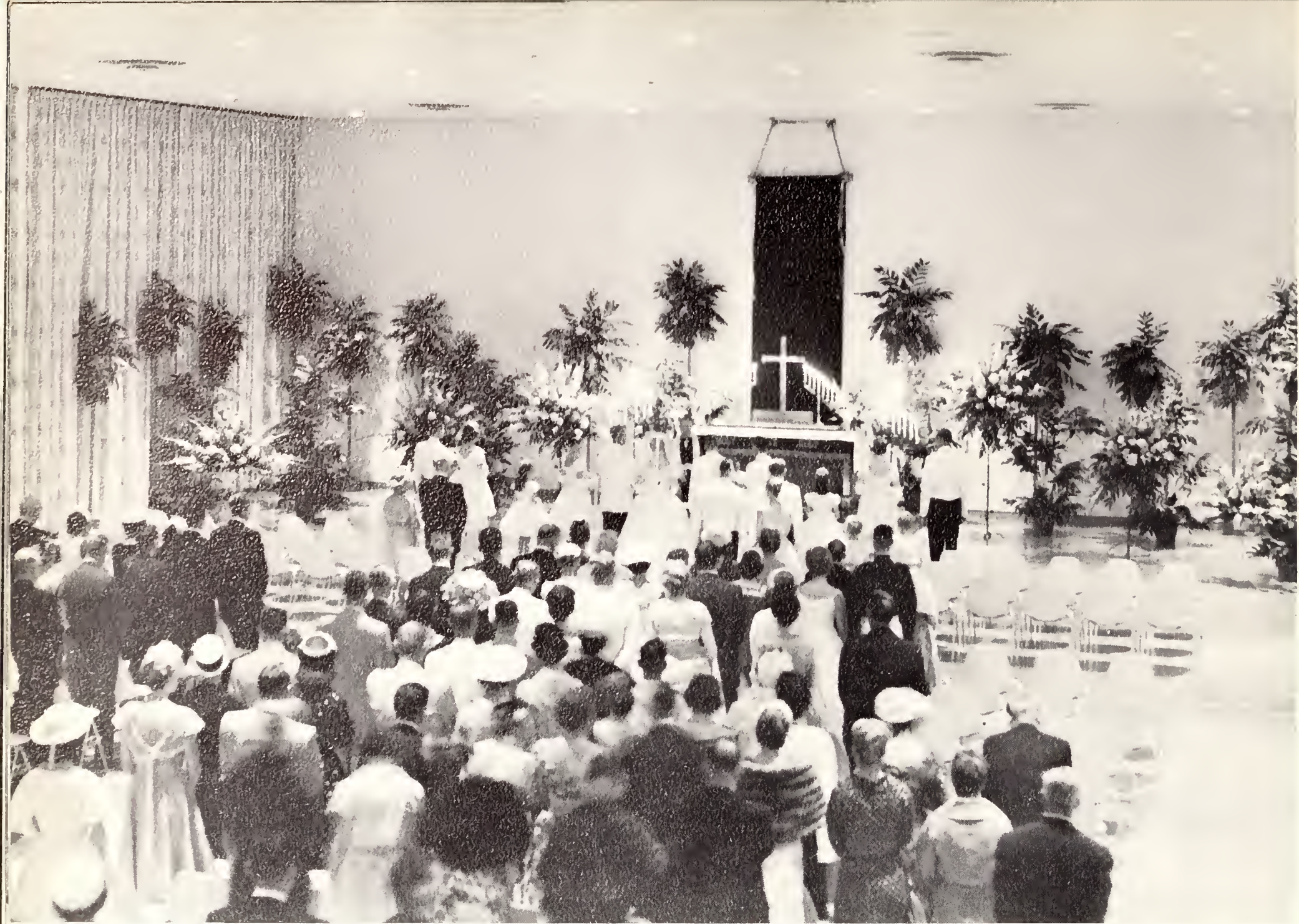
And a time for





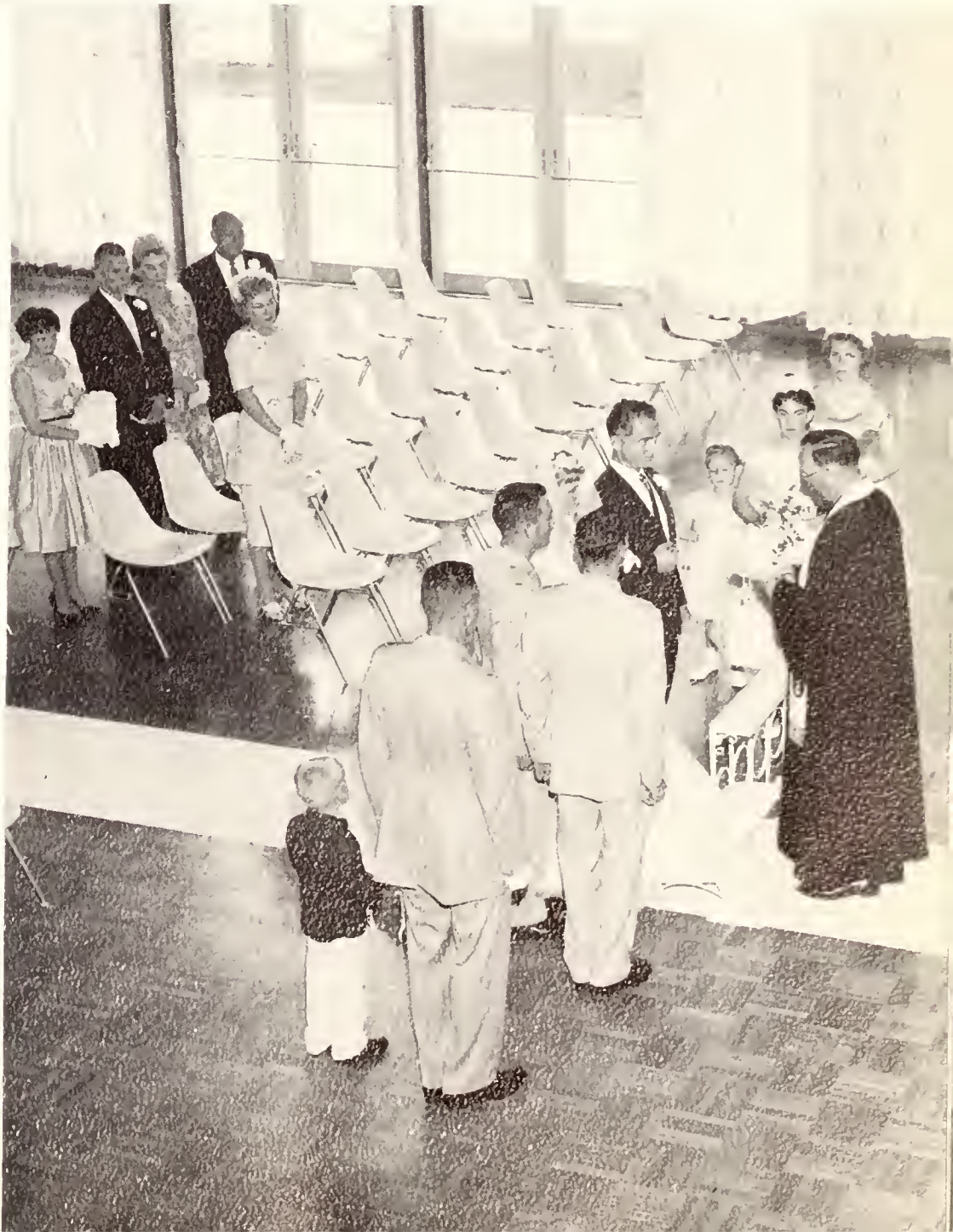
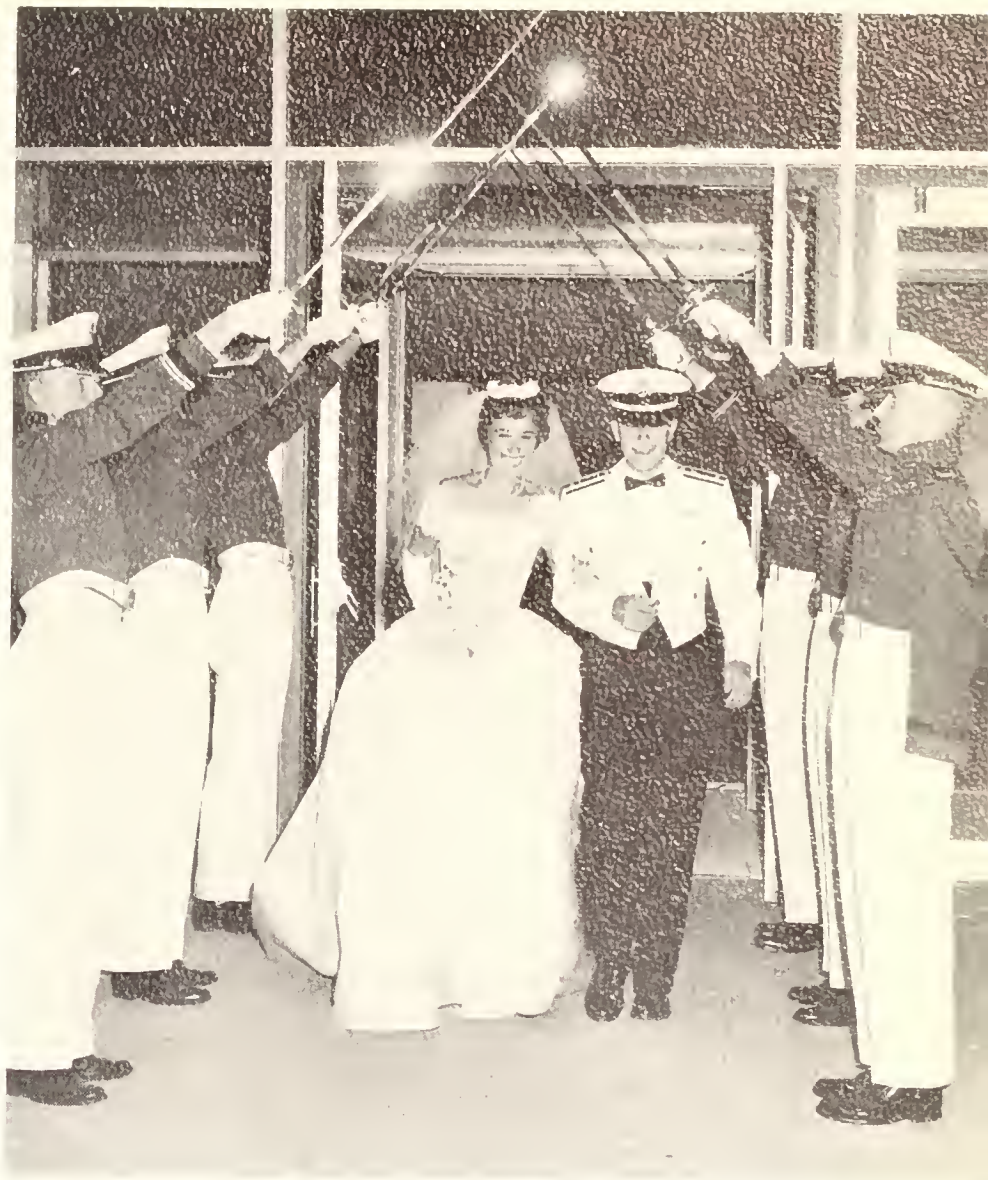
Recognition...





And a time for weddings.









Class of 1960



DERRY ALLAN ADAMSON
"Fish"

San Pedro, California

Senatorial

Swimming 4,3,2,1 (Captain 1)



JAMES WILLIAM ALEXANDER
"Alex"

Piqua, Ohio

Congressional

Baseball 4,2,1
Football 4,3
Model Engineering Club 4,3,2



NORMAN COPE ALEXANDER
"N. C."

Jefferson City, Missouri

Congressional

Ski Club 4,3
Wrestling 4
Yearbook 4,3,2,1 (Editor-in-chief 1)



JAMES WILBUR ANDERSON, III

Piqua, Ohio

Congressional



FULLER DAVID ATKINSON
"Fuller"

Barnesville, Maryland

Congressional

Class Committee 2,1
Cross Country 4
Entertainment Committee 3 (Secretary-Treasurer)
Lacrosse Club 4,3,2,1 (Vice-president 2)
Talon Staff 4,3,2,1 (Editor-in-chief 1)



ROBERT ERROL BADGER
"Bob"

South Bend, Indiana

Congressional

Ski Club 3,2,1
Wrestling 4,3



DONALD HENRY ALMANZAR
"Slik"

San Pedro, California

Reserve

Contrails Staff 4,3,2,1
Choir 4,3,2,1
Geography Club 4,3,2
Lacrosse Club 1
Ring Committee 2,1
Ski Club 4,3,2
Slovak Committee 4,3



KENNETH JOHN ALNWICK
"der Wick"

New Hyde Park, Long Island, New York

Reserve

Choir 4
Entertainment Committee 4
Fishing Club 2
Lacrosse Club 4,3,2,1
Rally Committee 3,2,1 (Chairman 2,1)
Ski Club 4,3,2,1



RICHARD CONRAD AMES
"Dick"

Stoneham, Massachusetts

Congressional

Football 4



ROBERT LEWIS BAKER
"Bullet Bob"

Mt. Sterling, Kentucky

Congressional

Cross Country 4,2
Hunting Club 4,3,2,1
Judo Club 4,3,2
Ski Club 4,3,2,1
Track 4



ANDREW WILLIAM BIANCUR
"B"

Baldwin, New York

Presidential

Escort Committee 2,1
Gun Club 2,1
Lacrosse Club 4,3,2,1
Ring Committee 4,3,2,1
Ski Club 4,3,2,1
Ski Control 1
Soccer 4,3,2,1
Talon Staff 4,3



KENNETH HUBERT BIEHLE
"Joe"

Biehle, Missouri

Reserve

Dodo 3,2
Talon 3,2,1



JAMES ANTHONY BILELLO
"Tony"

Edwardsville, Illinois Congressional

Cross Country 4,3,2,1
Track 4,3,2,1 (Co-captain 2,1)



WILLIAM STEPHEN BISHOP
"Steve"

Greenville, South Carolina Congressional

Choir 4
Forum 3
Swimming 4
Tennis 4,3,2,1



VALMORE WILLIAM BOURQUE
"Val"

South Hadley Falls, Massachusetts Congressional

Baseball 4,3
Ski Club 4,3,2,1
Soccer 4,3



HOWARD FRANKLIN BRONSON, III
"Howie"

Falls Church, Virginia Senatorial

Bridge Club 3,2,1
Football 4,3,2,1 (Captain 1)
Ski Club 3,2



HAROLD GARFIELD BROST
"Hal"

Yankton, South Dakota Congressional

Academy Assembly 2,1
Choir 4,3
Football 4
Glee Club 4,3
Honor Representative 2,1
Swimming 4,3 (Manager)
Ski Club 4,3,2,1



JOHN PAUL BROWNING
"J. P."

Stuttgart, Arkansas Congressional

Choir 4,3
Fencing 4,3,2,1
Hunting Club 4,3,2
Skeet Club 3
Ski Club 4,3,2,1



JOHN FREDERICK BOUTZ

"Fred"

Albuquerque, New Mexico

Presidential

Gun Club 2

Ski Club 4,3,2,1



GREGORY BOYINGTON, JR.

"Greg"

Medford, Oregon

Presidential



DEAN LEROY BRISTOW

"Dean"

Tustin, California

Congressional

Car Committee 1 (Finance Chairman)

Contrails Staff 2,1 (Editor-in-chief 1)

Fencing 3,2,1 (Manager)

Football 4

Talon Staff 3,2,1



JOHN STANLEY BRUSH

"Jack"

Riverside, California

Presidential

Hunting Club 2,1

Mountaineering Club 3,2



MICHAEL GEORGE BUCHEN

"Mike"

Richmond, California

Congressional

Football 4

Ring Committee 1

Ski Club 2



JAMES HENRY BUJALSKI

"Bojo"

Carrington, North Dakota

Senatorial

Catholic Choir 4,3,2

Gun Club 3,2,1

Lacrosse Club 2

Radio Club 4,3

Ski Club 4,3,2,1

Ski Control 1

Wrestling 4,3,2



THOMAS EDWARD BURKE
"Tom"

Albany, New York Congressional

Geography Club 4,3,2
Ski Club 4,3,2,1



DAVID WILLIAM BURNS
"Dave"

Yakima, Washington Congressional

Choir 4,3
Contrails Staff 4,3,2
Gun Club 3,2,1
Ski Club 3,2,1



ANTHONY JOSEPH BURSHNICK
"Tony"

Forest City, Pennsylvania Congressional

Basketball 4,3,2
Class Committee 4,3,2
Catholic Religious Council 1



JAMES RICHARD CARTER
"J. R."

Goshen, Utah Congressional

Aero Club 3
Choir 3,2
Forum 3,2,1
Gun Club 4,3,2,1
Photography Club 4,3,2,1 (President 1)
Model Engineering Club 4
Protestant Religious Council 1
Radio Club 4,3,2,1
Soaring Club 4,3
Skeet Club 4,3,2,1
Ski Club 4,3,2,1
Ski Control 1
Yearbook Staff 4,3,2,1 (Section Editor 2,1)



JERRY LEWIS CASKEY
"Cask"

Crane, Texas Congressional

Class Committee 4,3,2
Honor Representative 2,1



JAMES WALKER CLARK, JR.
"Jim"

Redlands, California Congressional

Car Committee 1
Choir 4
Sunday School Teacher 3,2
Swimming 4
Talon Staff 2,1 (Art Editor)
Track 4 (Manager)



PETER JACQUETTE BURTON
"Pete"

Parsons, Kansas

Congressional

Cross Country 4
Ski Club 4,3
Ski Team 4,3,2,1



ALFRED KIRKLAND CANTERBURY, JR.
"Alf"

Beckley, West Virginia

Congressional

Aero Club 3,2
Gun Club 4,3,2
Swimming 4,3,2,1



WILLIAM ANDREW CARNEGIE
"Bill"

Detroit, Michigan

Congressional

Archery Club 2,1
Lacrosse Club 3,2,1
Photography Club 4,3,2
Ski Club 4,3,2,1



MICHAEL ANTHONY CLARKE

Crystal Lake, Illinois

Congressional

Football 4
Track 3



MICHAEL JEROME CLARKE
"Mike"

Camden, Delaware

Senatorial

Aero Club 4,3,2
Choir 3
Glee Club 3
Gymnastics 1
Model Engineering Club 2,1
Radio Club 4,3,2,1
Ski Club 4,3,2
Soaring Club 4,2



ALFRED JOSEPH CLER, JR.
"Rosie"

Villa Grove, Illinois

Congressional

Dance Committee 4,3,2,1 (Secretary 3,2,1; Vice-president 4)
Ski Club 4,3,2,1



GEORGE M. COLLIER

"Itch"

Galveston, Texas

Congressional

Choir 4
Hunting Club 1
Model Engineering Club 4



NORMAN BUCK CONGDON

"Buck"

Bradenton, Florida

Presidential

Dance 4,3,2
Entertainment Committee 1
Swimming 4,3,2,1
Track 4



GARTH ROBERT COOKE

"Cookie"

Bangor, Maine

Congressional

Ski Club 3,2,1



JOHN RUSSELL CURREY, JR.

"Russ"

Vicksburg, Mississippi

Congressional

Bridge Club 3,2,1
Fishing Club 3,2,1
Football 3,2
Honor Representative 2,1
Hunting Club 3,2,1
Ski Club 3,2,1



WILLIAM ROBERT CURRIER

"Bill"

Burlington, Vermont

Congressional

Fishing Club 4,3
Ski Club 4,3,2,1
Soccer 4,3,2,1
Track 3,2,1



JERRY MORRIS DAILY

"Jerry"

New Albany, Indiana

Congressional

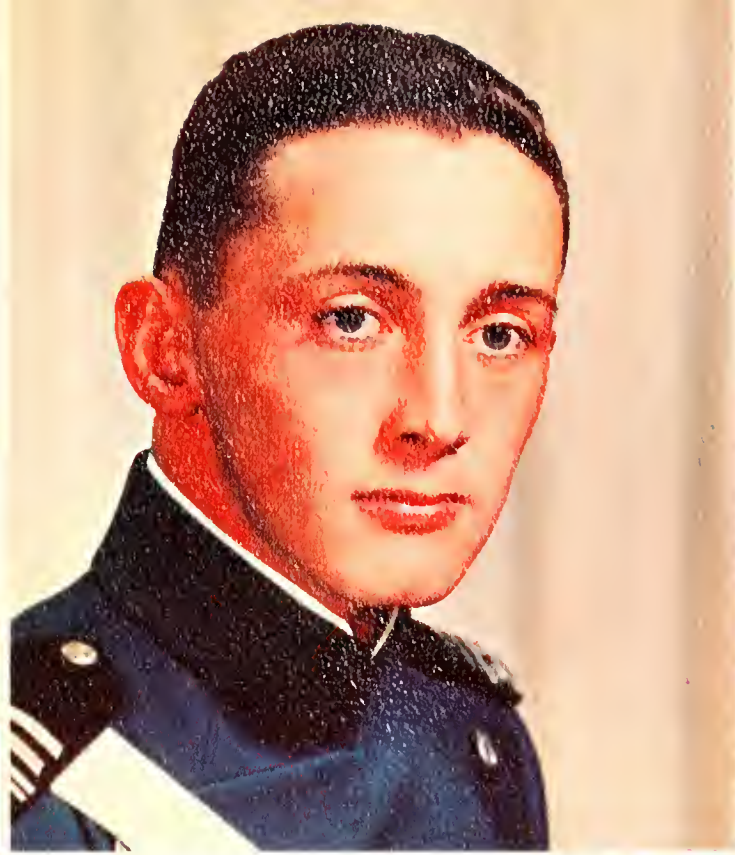
Football 4



PHILLIP ARTHUR COOKE
"P.A."

Kansas City, Missouri Congressional

Dance Committee 2
Entertainment Committee 1
Fencing 4,3,2,1
Geography 4,3
Yearbook 4,3



GARY FRANCIS CREW
"Gar"

Waterloo, Iowa Presidential

Choral 4,3
Glee Club 4,3
Ski Club 4,3,2,1
Wrestling 4,3



BERT CHARLES CROFT
"Bert"

Tulsa, Oklahoma Senatorial

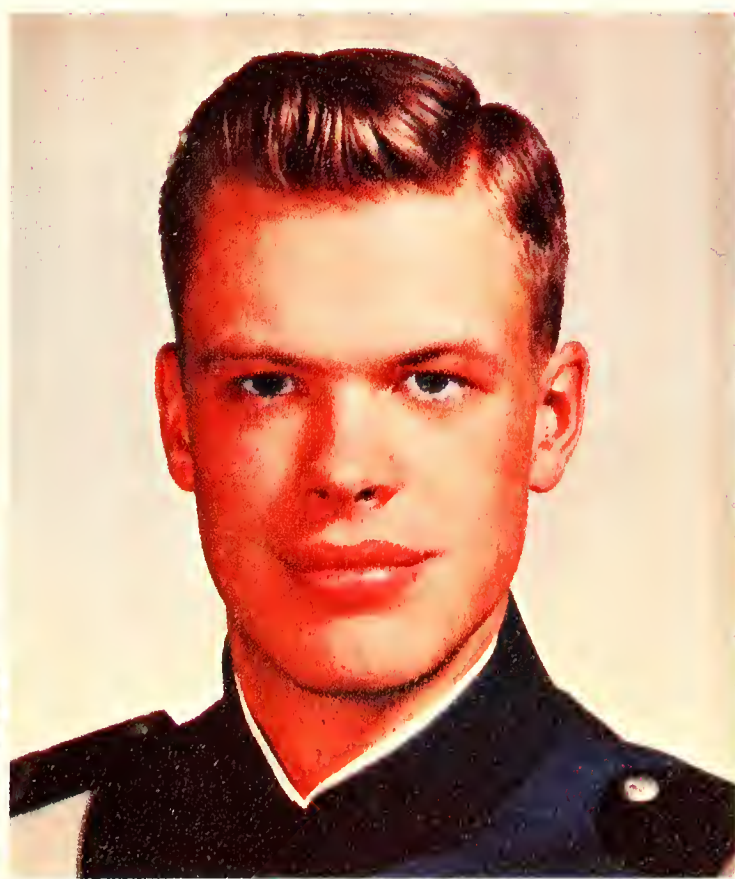
Aero Club 4,3,2,1
Hunting Club 4,3
Falconer 4,3,2
Mountaineering Club 4,3,2



ROBERT CHARLES DAVIS
"Bob"

Lumberton, North Carolina Congressional

Class Committee 1
Entertainment Committee 4,3
Fencing 4,3,2,1 (Captain 1)
Forum 1
Photography Club 2,1



JON ROBY DAY

Caldwell, New Jersey Congressional

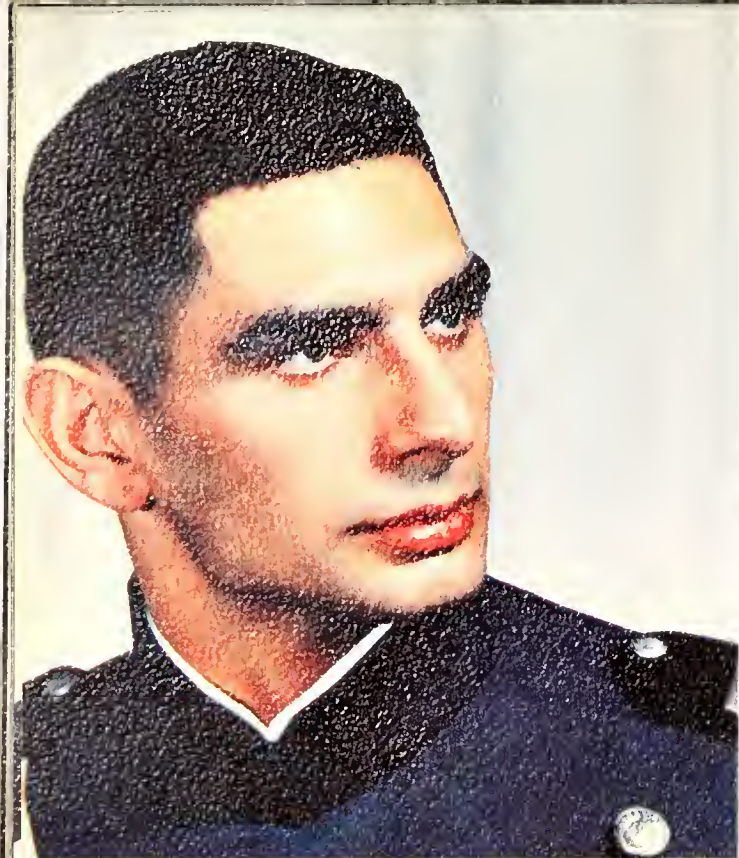
Bridge Club 2,1
Choir 4,3
Ski Club 4,3,2,1



BRIAN ALVIN DEEM

Louisville, Kentucky Congressional

Gun Club 4
Mountaineering Club 3,2
Ski Club 4,3,2,1



RONALD DEEP

Bridgeville, Pennsylvania Congressional

Basketball 4,3,2,1
Entertainment Committee 2,1
Honor Representative 2,1



GERARD DE LA CRUZ

"Jerry"

Minneapolis, Minnesota Congressional

Chess Club 2,1
Choir 4,3,2
Fishing Club 4,3
Football 4
Photography Club 3,2
Skiing 4,3,2,1
Yearbook 4,3,2,1 (Art Editor 2,1)

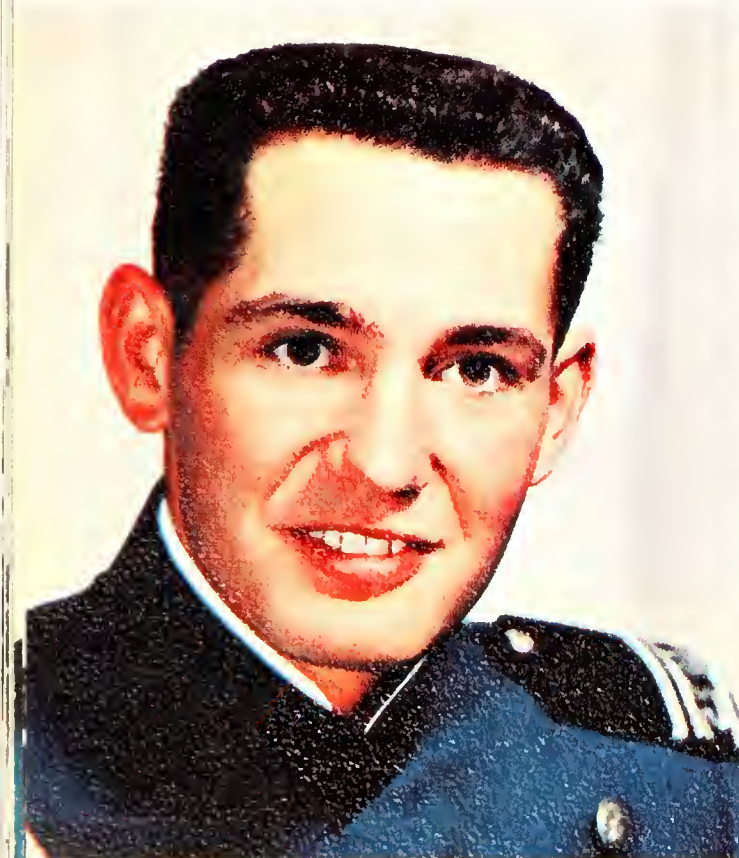


NEIL PHILLIP DELISANTI

"Nels"

Rochester, New York Congressional

Choir 4
Entertainment 3,2
Model Engineering Society 3,2
Wrestling 4,3,2



RICHARD LEE DOYLE

"Dick"

Lebanon, Oregon Congressional

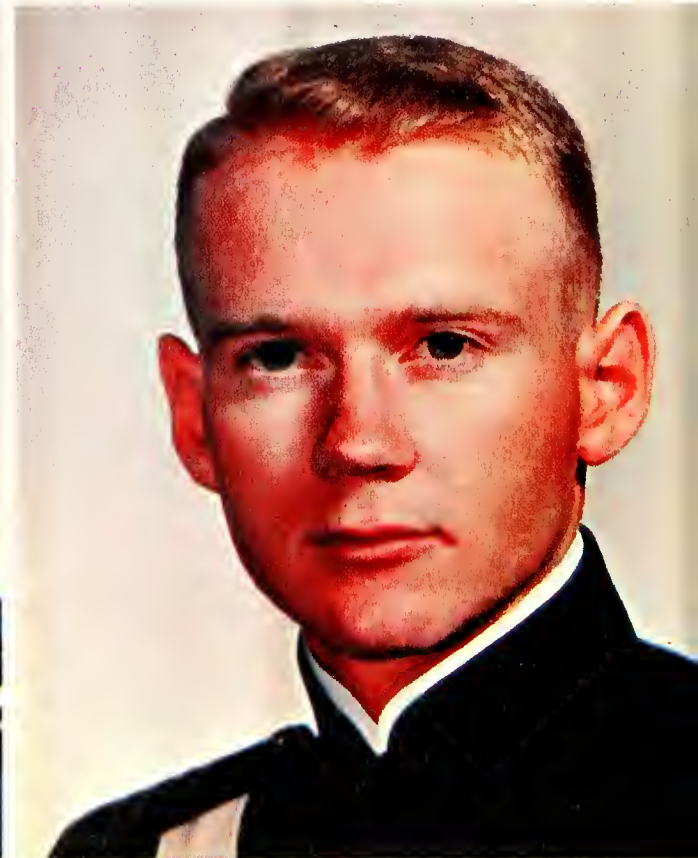
Archery Club 2,1 (Officer 1)
Engineering Society 3,2
Fishing Club 3,2
Gun Club 3,2,1
Ski Club 4,3,2,1



HERBERT MICHAEL ECKWEILER

"Herb"

Blooming Grove, Hawley, Pa. Congressional



GEORGE EMERSON ELSEA

"George"

Sioux City, Iowa Congressional

Fishing Club 3,2
Honor Representative 2,1
Model Engineering Club 3,2
Ski Club 4,3,2,1



BILLY GENE DELONY
"Bill"

Ruston, Louisiana Congressional

Fishing Club 4,3,2,1
Soccer 4,3,2,1
Track 4,3
Yearbook 4,3



CHARLES STEWART DIVER
"Chuck"

Highland, Michigan Congressional

Dance Committee 4
Gun Club 2
Honor Representative 2,1
Slovak Committee 3



CLEMEUNT T. DOUGLASS, III
"Doug"

Gallion, Alabama Congressional

Dance Band 2,1 (Cadet-in-charge 1)
Forum 1
Music Group 3,2,1 (Cadet-in-charge 1)



JERRY LANCE FARQUHAR

Newport Beach, California Congressional

Swimming Team 4,3,2,1



JAMES CARL FEY
"Jim"

Kirkwood, Missouri Congressional

Fishing Club 4,3
Protestant Religious Council 2,1
Wrestling 4,3,2,1



ROBERT HENRY FISCHER
"Bob"

Doylestown, Pennsylvania Congressional

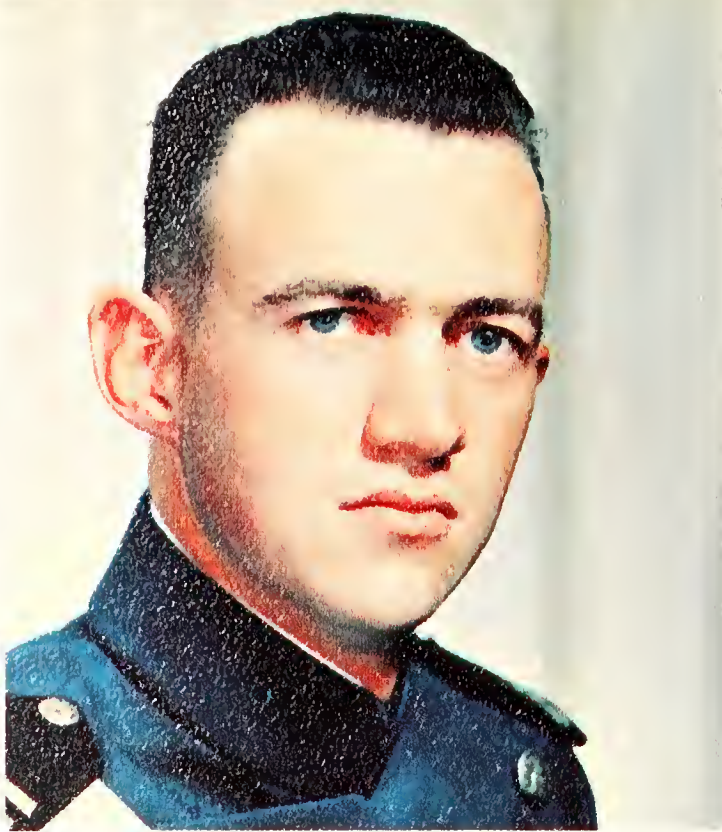
Bowman's Club 3,2
Ring Committee 3,2,1 (Recorder 1)
Ski Club 3,2,1
Swimming 4
Track 4,3,2,1
Yearbook Staff 4



GORDON ROBERT FLYGARE
"Gordo"

Tinker AFB, Oklahoma Congressional

Pep Band 4,3
Pistol 1



CHARLES STANLEY FOLKART, JR.

Boston, Massachusetts Congressional

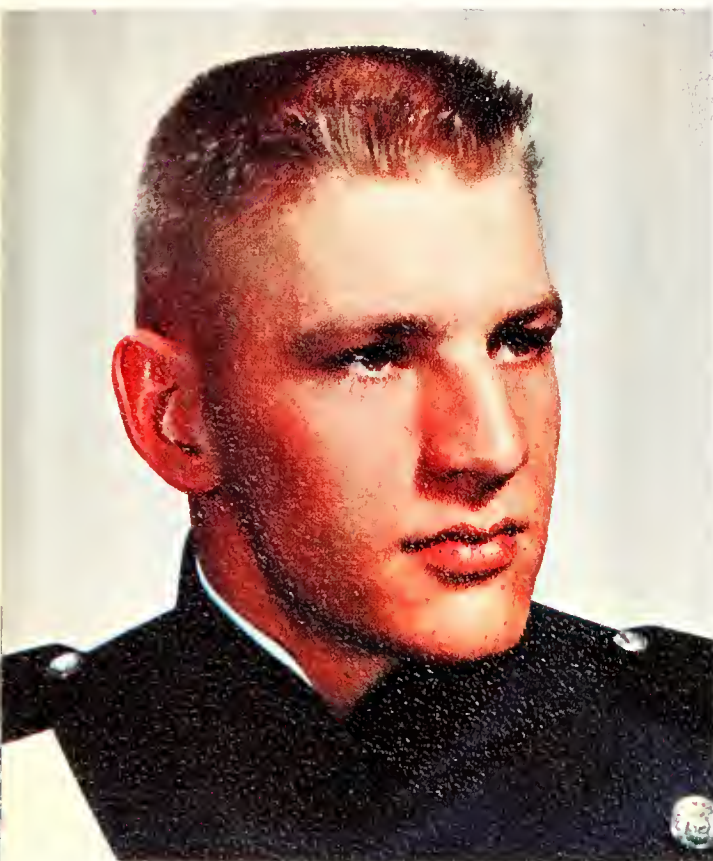
Chess Club 4,3,2,1 (President 1)
Class Committee 2,1 (Class Historian 2,1)
Dodo 2,1
German Club 1 (President 1)
Sixty Reporter 2,1
Ski Club 4,3,2,1



GEORGE JOSEPH CHARLES FRIES
"GJC"

Brooklyn, New York Congressional

Forum 1
Gun Club 1
Lacrosse Club 3,2,1 (Secretary-treasurer)
Rally Committee 2,1
Ski Club 2,1
Yearbook 3,2,1 (Business Manager 1)



CHARLES DAVID GEORGI
"Charlie"

Bellevue, Kentucky Senatorial

Entertainment Committee 1
Photography Club 4,3
Track 4



JOHN CROWE GIFFEN
"Giff"

Manistique, Michigan Senatorial

Bridge Club 3,2,1
Chess Club 4,3
Choir 4,3
Chorale 3,2,1 (Vice-president 1)



WILLIAM ALLEN GILLIS
"Wild Bill"

Winthrop, Massachusetts Congressional

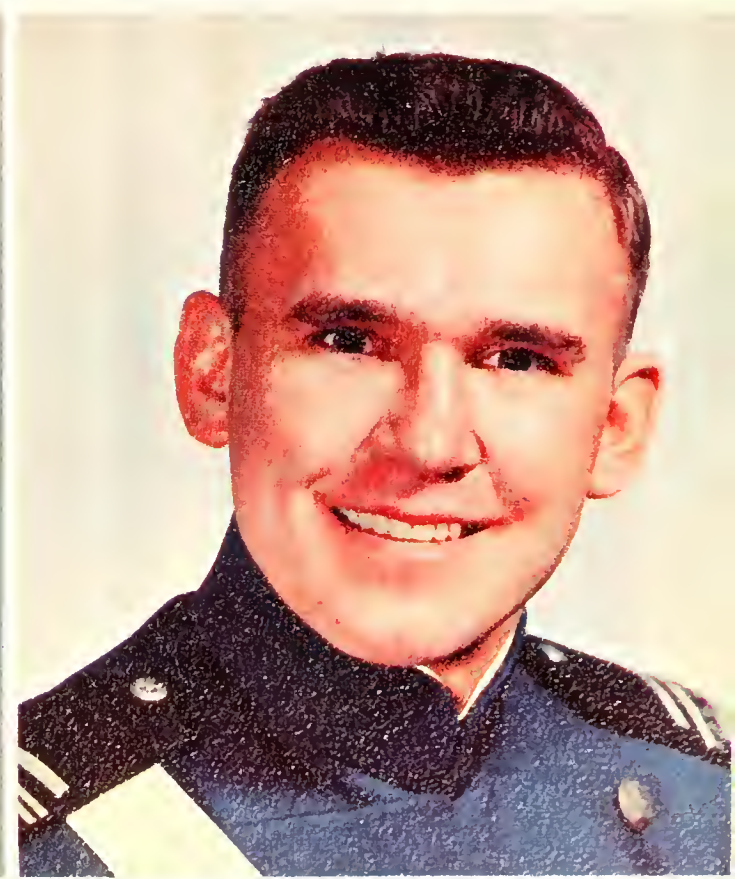
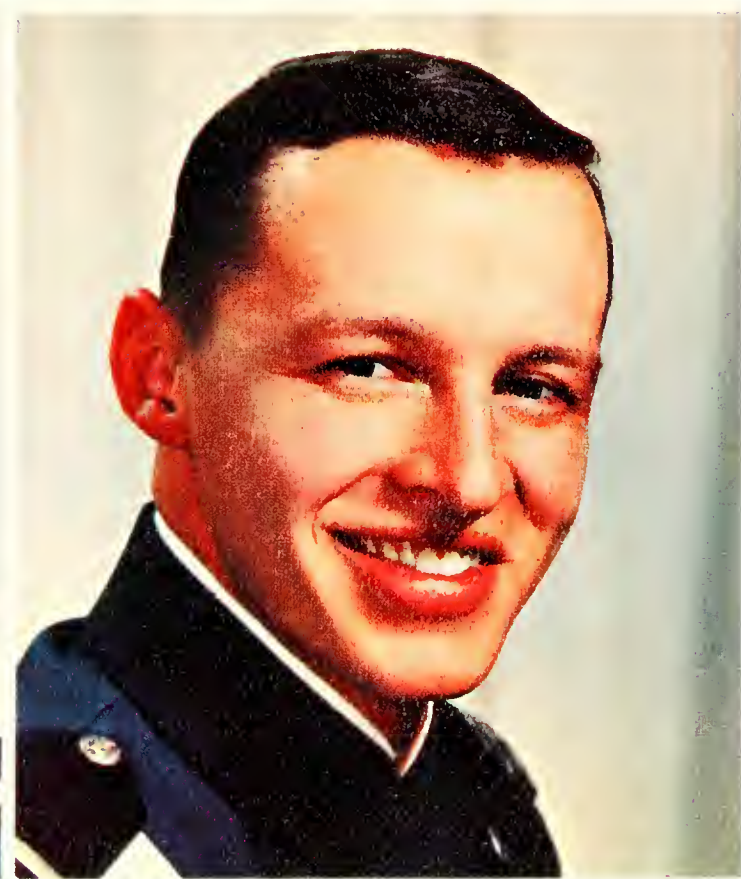
Cheerleader 2,1
Chorale 4,3,2
Dance Committee 3,2,1
Entertainment Committee 2,1
Football 4,3
Forum 4,3,2,1
Mountaineering Club 3,2,1
Rally Committee 2,1
Ski Club 4,3,2,1 (Vice-president 1)
Ski Team 4
Wrestling 4,3



BEN TADASHI FURUTA
"Tadashi-san"
 Los Angeles, California Congressional
 Dance Committee 4
 Fishing Club 1
 Pep Band 1
 Ski Club 4
 Wrestling 4,3,2,1

WALTER LEONIDAS FUTCH
"Walt"
 Thomasville, Georgia Congressional
 Geography Club 4
 Ski Club 4,3

GERALD HUNTER GAMMILL
"Gerry"
 Leighton, Alabama Congressional
 Choir 4,3
 Music Club 4,3



JERRY LYNN GIRARD
"Gar"
 Air Force, USA Senatorial
 Model Engineering Society 4,3
 Mountaineering Club 3,2,1
 Ski Club 4,3,2,1

JAMES FREDERICK GLAZA
"Jim"
 Bay City, Michigan Congressional
 Acolyte Guild 4,3
 Choir 4,3
 Chorale 2,1
 Hockey Club 2
 Ski Club 3,2,1
 Soccer 4
 Swimming 4
 Talon Staff 4,3
 Yearbook Staff 3,2,1 (Layout Editor 1)

JOHN PETER GONSKY
"Whale"
 Northampton, Massachusetts Senatorial
 Engineering Society 3,2,1
 Football 4
 Skiing Team 3,2



WILFRED LEON GOODSON
"Leon"

McAlester, Oklahoma Congressional

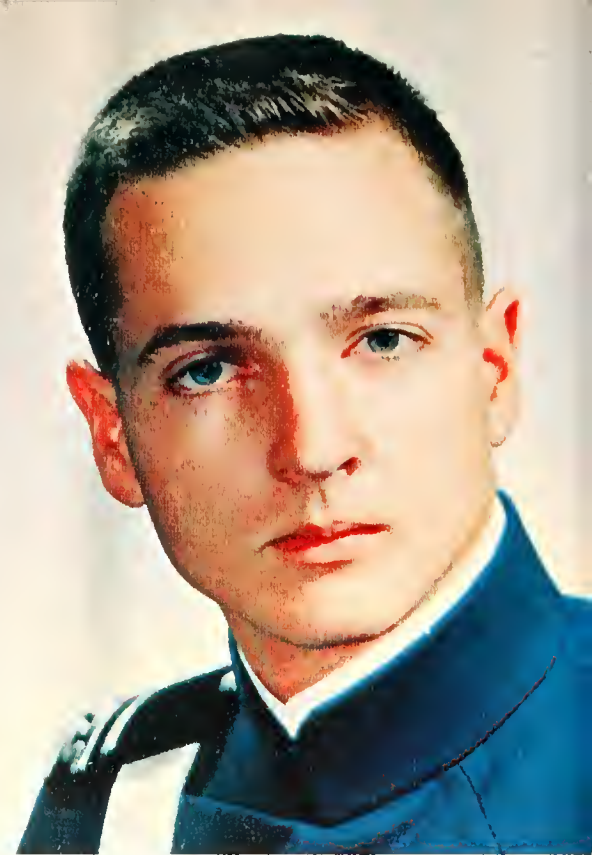
Academy Assembly 2,1 (Chairman 1, Assistant
chairman 2)
Engineering Society 3,2,1
Forum 3,2,1
Photography Club 4,3,2
Radio Club 2
Ski Club 4,3,2



WILLIAM GEORGE GOODYEAR
"Good Will"

Jacksonville, Florida Congressional

Cross Country 4
Dodo Staff 2,1
Entertainment Committee 4,3



FRANK WIMBERLY GORHAM, JR.

LaPlata, Maryland Presidential

Geography Club 4
Gun Club 2,1
Photography Club 3,2
Skeet Club 3
Ski Club 4,3,2,1



JOHN EDWARD GUTZWEILER, JR.
"John"

Easton, Pennsylvania Congressional

Ski Club 4,3,2,1



EDWARD JOHN HAERTER
"Ed"

Milwaukee, Wisconsin Senatorial

Dance Committee 3,2,1
Gun Club 4,3,2,1



WILLIAM DONALD HALES
"Bill"

Steubenville, Ohio Congressional

Pistol Club 4
Pistol Team 4
Ski Club 4,3,2



ATHOS EUGENE GUILLOT, JR.
"Rebel"

Alexandria, Louisiana Congressional

Class Committee 1
Gun Club 4,3,2,1 (Officer 1)
Gymnastics 4,3
Ski Club 4,3,2,1



GARY GUNNAR GULBRANSEN
"Goose"

Great Neck, New York Congressional

Chorale 4,3
Class Committee 1
Entertainment Committee 2,1
Pistol 4,3,2,1



SYDNEY ELLSWORTH GURLEY
"Syd"

St. Louis, Missouri Congressional

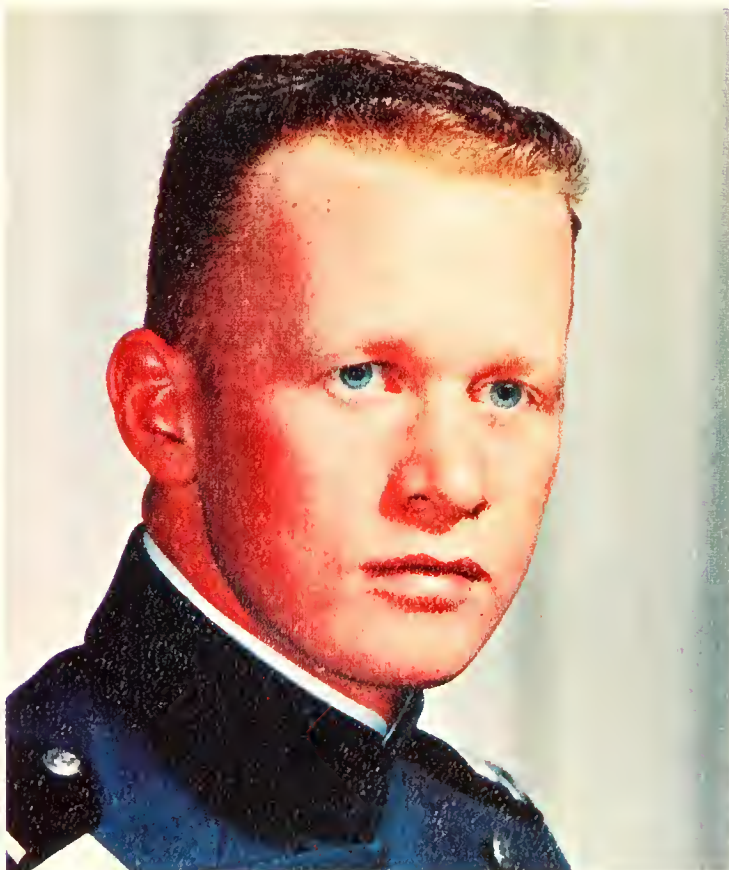
Dance Committee 2,1
Gun Club 2,1
Ski Club 4,3,2,1
Tennis 4
Track 3



NORMAN MEHLHORN HALLER
"Walt"

Cols, Ohio Congressional

Baseball 4,3,2,1 (Captain 1)



DENIS JOSEPH HANEY
"Denny"

Brooklyn, New York Congressional

Entertainment Committee 1
Fencing 4,3
Ring Committee 4,3,2,1
Ski Club 4,3,2,1



JASPER HORACE HARDISON, JR.

Fayetteville, North Carolina Congressional

Professional Studies Group 1
Ski Club 1 (President)



CHARLES EDGAR HART
"Chuck"

Hilliard, Ohio Congressional

Fishing Club 4,3,2,1 (President 1)
Football 4
Hunting Club 4,3,2,1
Radio Club 3
Ski Club 3,2,1
Track 4
Wrestling 3,2



RICHARD GLENN HEAD
"Dick"

Cedar Rapids, Iowa Senatorial

Choir 4,3,2
Chorale 4,3,2
Contrails Staff 3,2,1 (Managing Editor 2; Editor-in-chief 1)
Forum 4,3,2,1
Geography Club 4,3
Honor Representative 2,1
Radio Club 4,3
Ski Club 4,3,2,1
Soaring Club 4,3,2 (President 2)
Wrestling 4,3,2



ROBERT HARLAN HEIGES, JR.
"Bob"

Gilroy, California Regular

Chess Club 4,3,2,1
Model Engineering Society 4,3
Ski Club 4,3,2,1
Track 4,3,2,1



LESLIE ALDEN HOBGOOD
"Les"

Austin, Texas Presidential

Dance Committee 3,2,1
Lacrosse Club 2,1
Ski Club 4,3,2,1



WILLIAM THOMAS HODSON, III
"Bill"

Springfield, Virginia Congressional

Chess Club 4,2,1
Forum 4,3,2,1
Radio Club 4,3,2,1



JAMES NICHOLAS HOLLY
"Nick"

Bay City, Michigan Congressional

Baseball 4,3
Fishing Club 2
Football 4
Rifle 4
Ski Club 2,1



JOSEPH LEO HIGGINS
"Joe"

Syracuse, New York Congressional

Dance Committee 3
Talon Staff 4,3,2,1
Tennis 4,2



RICHARD JOEL HILLMAN
"Dick"

Rancho Santa Fe, California Congressional

Tennis 4
Ski Club 2,1
Swimming 4,3



GEORGE HAMILTON HINES
"George"

Newport, Rhode Island Congressional

Choir 4,3,2
Chorale 4,3,2
Contrails 4,3
Dodo 4,3,2,1 (Sports Editor 4,3,2; Editor-in-chief 1)
Fencing 4,3,2,1
Gun Club 3
Ring Committee 4,3,2,1 (Chairman 4,3,2,1)
Ski Club 4,3
Talon 4,3,2,1
Yearbook Staff 4,3



CHARLES ANDREW HOLMAN, JR.
"Ace"

Kannapolis, North Carolina Congressional

Mountaineering Club 4,3,2
Ski Club 4,3,2,1



STEPHEN RAY HOLT
"Tim"

Olympia, Washington Congressional

Dance Committee 3,2,1
Fencing 4
Radio Club 2,1
Ski Club 4,3,2,1



EDWARD DONALD HOPKINS

Denver, Colorado Congressional



JOHN HENRY HUHN
"Seal"

Belmar, New Jersey Congressional

Forum 2,1
Ski Club 4,3,2,1



MICHAEL LEWIS HYDE
"Mike"

Boulder City, Nevada Congressional

Acolyte Guild 4,3
Baseball 4,3,2
Professional Studies Group 1



JOHN ROBERT JANSEN
"Jance"

Denver, Colorado Congressional

Honor Representative 2,1



WILLIAM ROY JOLLY
"Roy"

Deertrail, Colorado Congressional

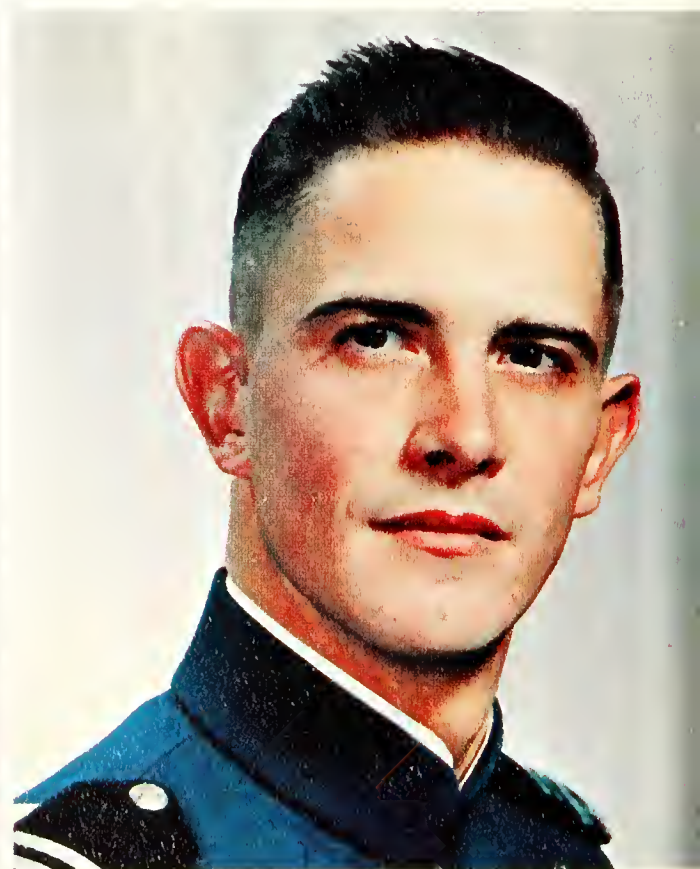
Allied Arts Committee 1 (Chairman)
Basketball 4,3,2,1 (Manager)
Class Committee 1 (Chairman)
Talon Staff 4,3,2,1



KARL McMASTER JONES, JR.
"Mac"

New York, New York Congressional

Entertainment Committee 3
Engineering Society 3,2,1 (Vice-chairman 1)



TONY McMACKIN JONES
"Tony"

Hartsville, South Carolina Congressional



DANIEL KEITH JOHNSON
"Deke"

Moorhead, Minnesota

Reserve

Football 4,3,2,1
Radio Club 3,2
Skeet Club 4,3
Ski Club 4,3,2,1



JOHN ALLEN JOHNSON
"Al"

Hammond, Indiana

Senatorial

Entertainment Committee 3
Mountaineering Club 2
Ski Club 4,3,2,1 (Treasurer 3)
Talon Staff 4



LAWRENCE MERLIN JOHNSON
"Lem"

Glenrock, Wyoming

Congressional

Ski Club 4,3,2,1



BRIAN GRANT KALEY
"Bri"

Gouverneur, New York

Congressional

Baseball 4,3,1
Class Committee 1
Fishing Club 3,2
Ski Club 4,3,2,1



GARY LYLE KARSCHNICK
"Krash"

St. Charles, Illinois

Congressional

Cheerleader 2
Choir 4,3
Dodo Staff 2,1
Entertainment Committee 1
Football 4
Model Engineering Society 3,2
Pistol 4,3,2,1
Ski Club 4,3,2
Talon Staff 3



MILES ALFRED KASPAR, JR.
"Pug"

Dorchester, Nebraska

Congressional

Ski Club 4,3,2,1
Track 4,3,2,1 (Co-captain 1)



WAYNE FRANKLIN KENDALL, JR.
"Killer"

Harrison, Arkansas Congressional

Chorale 4,3,2
Choir 4,3,2,1
Wrestling 4,3,2,1 (Captain 1)



JAMES ALEXANDER KERR, JR.
"Dolph"

Jackson, Mississippi Congressional

Baseball 3,2,1
Choir 4
Football 4,3,2,1
Protestant Religious Council 2,1



HARRISON EDWARD KING, JR.
"Pete"

Columbus, Mississippi Congressional

Choir 4,3,2
Contrails Staff 4,3,2
Golf 3,2,1
Gun Club 4,3,2,1
Fishing Club 3,2,1
Ski Club 4,3,2,1



DAVID ERWIN LACHELT
"Dave"

Southington, Connecticut Congressional

Engineering Society 2,1
Hockey Club 2
Lacrosse Club 3,2,1
Model Engineering Society 4,3,2,1 (President 2,1)



THOMAS RALPH LALIME
"Ralph"

Boston, Massachusetts Congressional

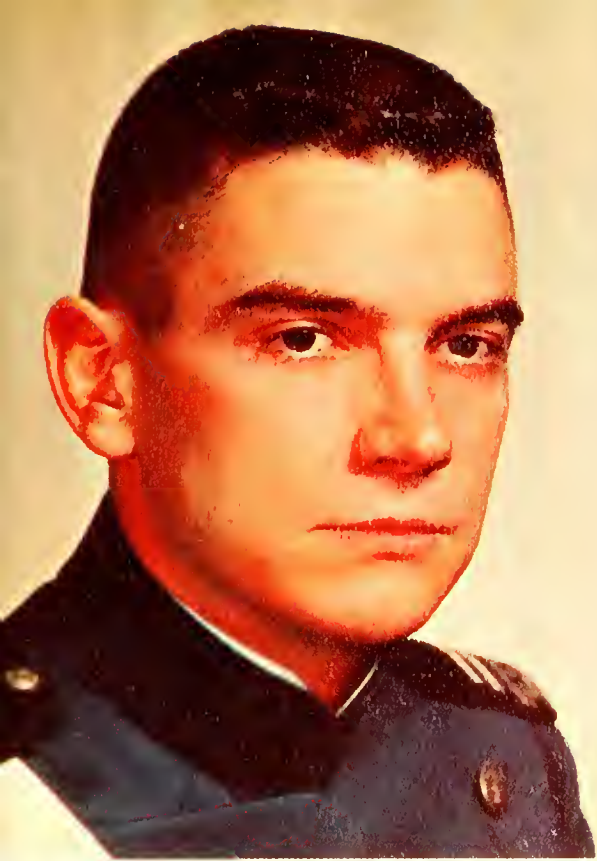
Choir 4,3
Rally Committee 4,3,2,1
Ski Club 4,3,2



HARDY FRANKLIN LEBEL
"Salty Able"

Dallas, Texas Senatorial

Aero Club 1
Mountaineering Club 1 (Materiel Officer)
Football 4
Wrestling 4,3,2,1



RICHARD ALLYN KINGMAN
"Dick"

Locust Valley, New York Congressional

Forum 3,2,1 (President 1)
Golf 4
Rifle 4,3,2,1



WILLIAM JOHN KORNITZER, JR.
"Corny"

Bennington, Vermont Senatorial

Baseball 4,3
Hunting Club 3
Ski Club 3,2



JOHN DAVID KUENZEL

St. Mary's, Ohio Congressional

Football 4,3,2,1



WILLIAM HAROLD LENINGER
"Bill"

Chicago, Illinois Congressional

Football 4,3,2
Ski Club 4,3,2



ROGER CHARLES LENT
"Rog"

Blackfoot, Idaho Congressional

Honor Representative 3,2,1



EDWARD WATSON LEONARD, JR.

Winlock, Washington Congressional

Bowman's Club 1



GEORGE THROWER LESTER

"George"

Mt. Lebanon, Pennsylvania

Congressional

Football 4,3

Ring Committee 2,1



ARTHUR JOSEPH LEWIS

"Art"

Melrose, Massachusetts

Congressional

Cheerleader 1

Gymnastics 4,3,2,1

Photography Club 3,2,1

Radio Club 4,3

Track 4



CHARLES FRANKLIN LEGGETT

"Chuck"

Ripley, Ohio

Congressional

Fishing Club 4,3,2,1

Hunting Club 3,2

Ski Club 4,3,2,1



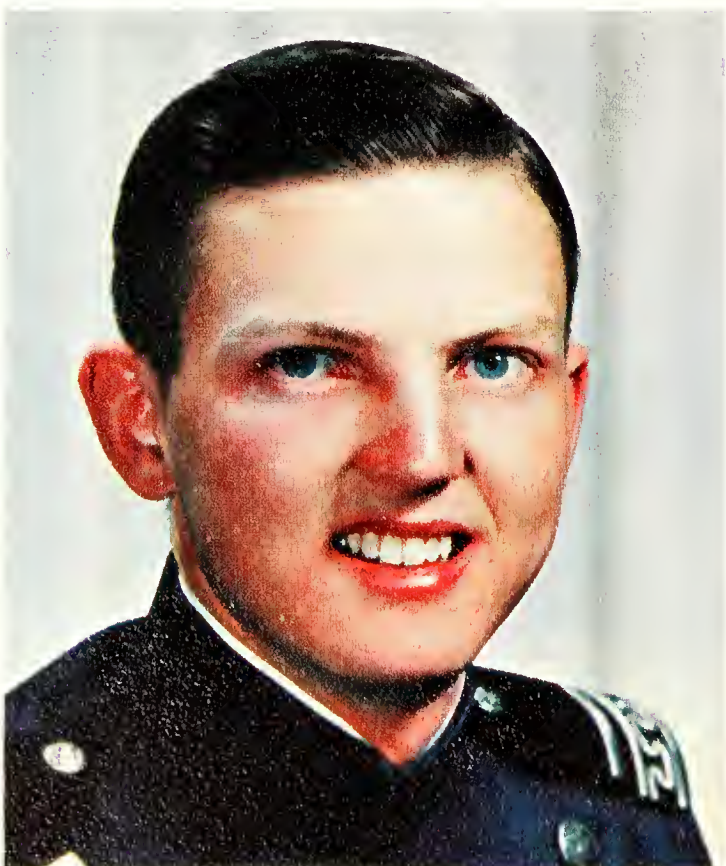
CLIFTON CAMERON LOVELL

Ft. Walton Beach, Florida

Congressional

Forum 1

Photo Club 1



DAVID BARCLAY LUCE

"Dave"

Orland, California

Congressional

Radio Club 1



GEORGE ELLIOTT LUCK

"George"

Wrightsville, Georgia

Senatorial

Choir 4,3

Dance Committee 4,3,1 (Chairman 4)

Fishing Club 2,1

Gun Club 2,1

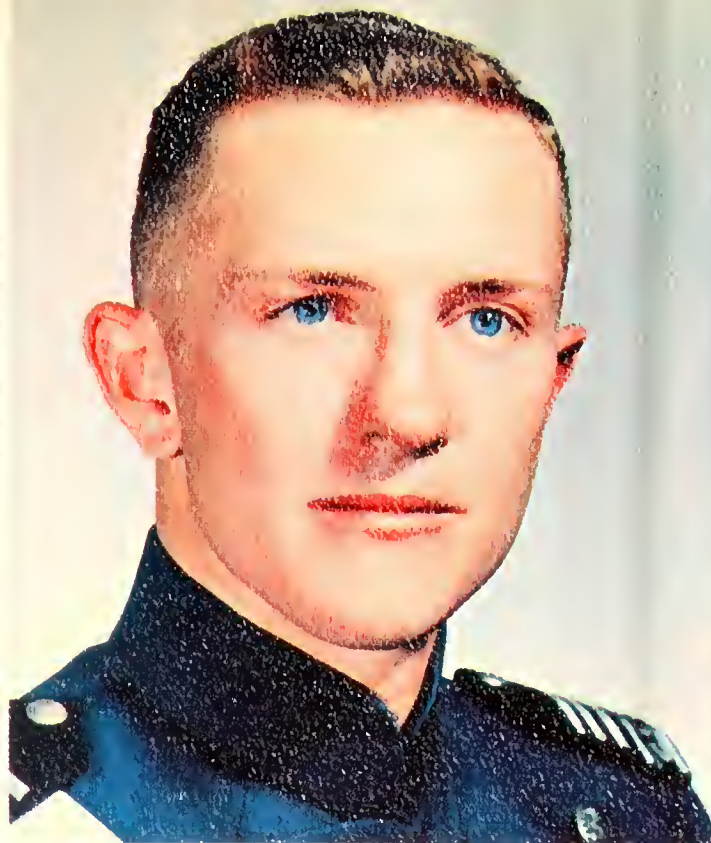
Rifle 4,3,2,1



JOHN MICHAEL LOH
"Roach"

Washington, District of Columbia Congressional

Catholic Religious Council 1
Engineering Society 2,1
Football 4



ANTHONY HUGH LONG
"Tony"

Seattle, Washington Congressional

Basketball 4,3,2,1
Fishing Club 4,3
Gun Club 2,1
Honor Representative 1
Radio Club 3



MICHAEL VICKERS LOVE
"Mike"

Hanna, Wyoming Congressional

Gun Club 4,3,2
Gymnastics 4,3,2,1
Ski Club 4,3,2



JOHN DAVID MACARTNEY
"Mac"

Pasadena, California Congressional

Contrails Staff 4,3,2
Entertainment 1
Forum 3,2,1
Geography Club 4
Hunting Club 4,3,2,1
Ski Club 3,2,1



RUSSELL REED MACDONALD, JR.
"Mac"

Butler, Pennsylvania Congressional

Forum 2,1
Model Engineering Society 2,1



WILLARD RICHARD MACFARLANE
"Fat Mac"

Ogden, Utah Congressional

Academic Committee 2
Car Committee 2,1 (Chairman 1)
Class Committee 2
Engineering Society 3,2,1
Photography Club 2,1
Ski Club 3,2
Wrestling 4,3



JERRY LEE MASON
"Jerry"

Redlands, California

Presidential

Dance Committee 4



RICHARD THOMAS MATHEWS
"Dick"

Quincy, Illinois

Congressional

Rally Committee 2,1
Ring Committee 3,2,1
Talon Staff 2,1



FRANK DAVID MAYBERRY
"Fritz"

Phoenix, Arizona

Congressional

Choir 4,3
Dance Committee 3,2
Waterpolo Club 2,1 (President 1)



JON WILTON McCLURE
"Mac"

Mobile, Alabama

Congressional

Class Committee 1
Mountaineering Club 3,2,1
Ski Club 4,3,2,1



JOHN ROBERT McCULLOUGH
"Mac"

Nashville, Tennessee

Congressional

Fishing Club 4,3,2,1 (President 1)
Football 4
Gun Club 4,3,2,1 (President 1)
Ski Club 4,3,2,1



FLORIAN PHILIP MEINHARDT
"F.P."

Paxico, Kansas

Congressional

Entertainment Committee 3,2
Forum 2,1
Hunting Club 4
Pistol 4
Ski Club 3,2



DALE QUENTIN MAYO
"D.Q."
 Huntington, West Virginia Congressional

CHARLES MILTON MCCAIN
"Jabo"
 Starksville, Mississippi Congressional

MICHAEL JAMES MCCALL
"Mike"
 Osceola, Wisconsin Congressional

Choir 4,3
 Football 4,3,2,1
 Glee Club 4,3,2
 Ski Club 4,3,1

Gun Club 3,2
 Hockey Club 2
 Lacrosse Club 2,1
 Music Group 3,2



RICHARD FARRIOR MEYER, JR.
"Dick"
 Mobile, Alabama Congressional

KERRY DOUGLAS MILLER
"Doug"
 Hyndman, Pennsylvania Regular

RALPH EDWARD MILLER
"Rem"
 Canyon, Texas Congressional

Choir 4
 Class Committee 2
 Honor Representative 2,1

Class Committee 2
 Entertainment Committee 1
 Ski Club 3,2
 Slovak Committee 4,3
 Talon Staff 2,1



JAMES DALE MILLS
"Jim"

Commerce, Texas Congressional

Football 4
Golf 2,1
Track 3



LEON F. MOLINELLI
"Mo"

Pocatello, Idaho Congressional

Aero Club 4,3,2,1
Gun Club 3,2,1
Gymnastics 4
Ski Club 4,3,2,1
Ski Team 4,3,2



JAMES EDWARD MORTON, JR.
"Eddie"

Memphis, Tennessee Congressional

Hunting Club 4,3,2,1
Track 4,3,2,1 (Manager)
Ski Club 4,3,2,1



ROBERT JAMES NEWSON, JR.
"Bob"

Shreveport, Louisiana Congressional

Class Committee 1
Engineering Society 4,3,2,1
Forum 4,3,2,1
Hunting Club 2,1
Photography Club 4
Radio Club 4,3,2,1
Ski Club 4,3,2,1



EDMOND JOSEPH NOGAR, JR.
"Ed"

Oreland, Pennsylvania Congressional

Choir 4,3
Chorale 4,3,2
Track 3,2,1



ROBERT PAUL ODENWELLER
"Bob"

Princeton, New Jersey Presidential

Choir 4,3
Chorale 4,3,2,1 (Cadet-in-charge 1)
Gun Club 4,3,2,1
Planetarium Lecturer 2,1
Photography Club 4,3,2,1
Professional Studies Group 1
Talon Staff 2,1 (Photography Editor 1)
Wrestling 4,3,2
Yearbook Staff 4,3



BRUCE MORTON MOSIER
"Mose"

Erie, Pennsylvania Congressional

Choir 4,3,2,1
Chorale 4,3,2,1
Geography Club 4,3
Lacrosse Club 3,2,1
Ski Club 4,3,2,1
Yearbook Staff 2



RICHARD JAMES MROSLA
"Mros"

Bowlus, Minnesota Regular

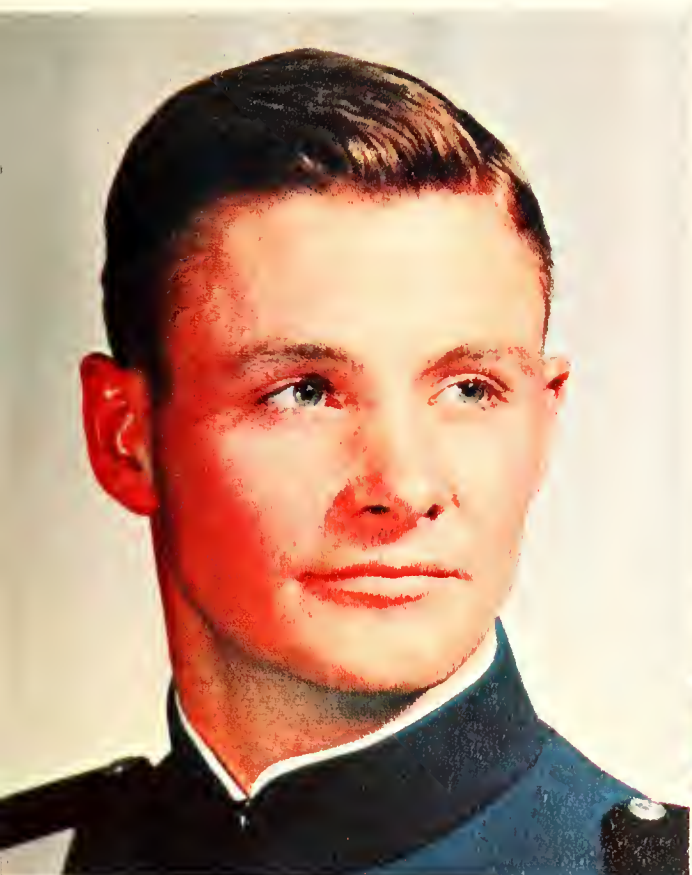
Forum 3



SIDNEY HOWARD NEWCOMB
"Sid"

San Jose, Costa Rica Congressional

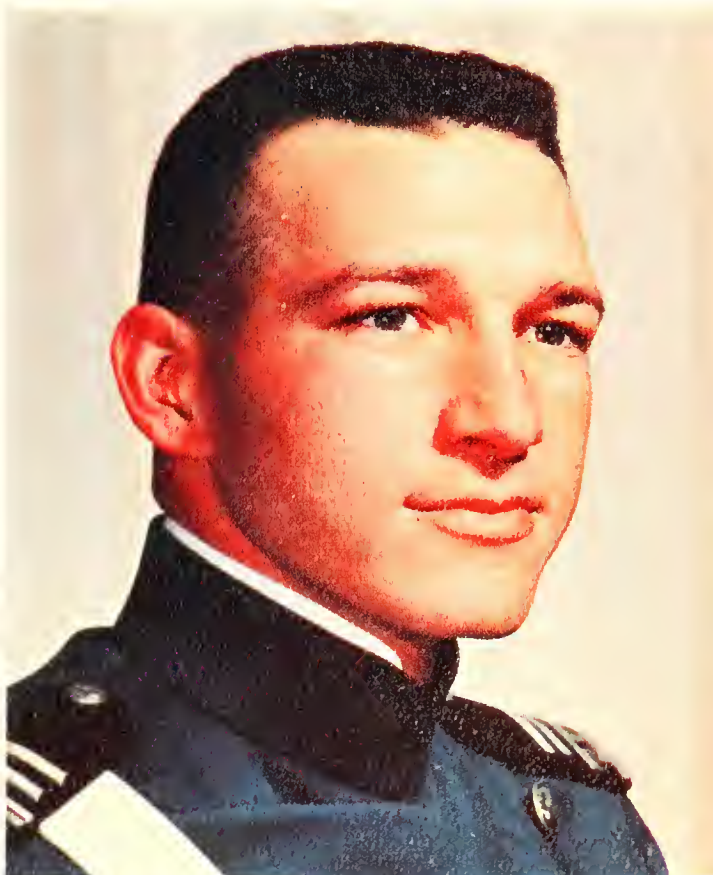
Class Committee 4,3,2
Soccer 4,3,2,1
Ski Club 4,3,2,1



RICHARD DENNIS O'KEEFE
"Denny"

Washington, District of Columbia Presidential

Choir 4,3
Football 4
Swimming 3,2,1



JAMES CLINTON O'ROURKE
"Jim"

Miami Springs, Florida Congressional

Bowman's Club 2,1
Fishing Club 4,3
Hunting Club 3
Gymnastics 4,3,2,1



WILLIAM RENO OUELLETTE
"Frenchy"

Brunswick, Maine Congressional

Gun Club 1
Hockey 2,1
Ring Committee 2,1
Ski Club 2,1
Track 3



RONALD DURWARD PATCHETT

"Ron"

Strykersville, New York

Presidential

Chorale 4,3
Hockey Club 2,1
Skeet Club 3,2
Ski Club 2,1



JOHN FRANKLIN PEEBLES

"Chum"

Lyons, Ohio

Congressional

Car Committee 2,1
Gun Club 2,1
Ski Club 4,3,2,1
Yearbook Staff 4,2,1



JAMES EARL PEEL

"Jim"

Cincinnati, Ohio

Congressional

Aero Club 4,3,2
Hunting Club 3,2,1
Pistol 4
Ski Club 4,3,2,1



HOYT LEROY PRINDLE, JR.

"Oogie"

Marietta, Georgia

Congressional

Class Committee 4
Golf 4
Soccer 4
Swimming 4
Yearbook Staff 4,3,2



GEORGE SAMUEL PUPICH

"Serb"

San Fernando, California

Congressional

Baseball 3
Football 4,3,2,1
Track 4,2,1



ROBERT GENE RAGER

"Rag"

Arcadia, California

Congressional

Car Committee 1
Rally Committee 4,3,2
Ski Club 3,2,1
Tennis 4,3,2,1



WAYNE ALBERT PETERSON

"Pete"

Butte, Montana

Congressional

Basketball 4,3,2
Fishing Club 4,3,2
Ski Club 2,1



FRED HOWARD PORTER, III

"Howie"

Raleigh, North Carolina

Congressional

Choir 4,3
Chorale 3,2
Photography Club 4
Professional Studies Group I
Ski Club 4,3



LEW PAXTON PRICE

"Lew"

Glendora, California

Congressional



NEAL TAYLOR REAVELY

"Bear"

Counna, Michigan

Congressional

Academy Assembly 1
Football 4
Geography Club 2
Gun Club 2
Lacrosse Club 4,3,2,1
Sunday School Teacher 4,3,2,1 (Associate
Superintendent 1)



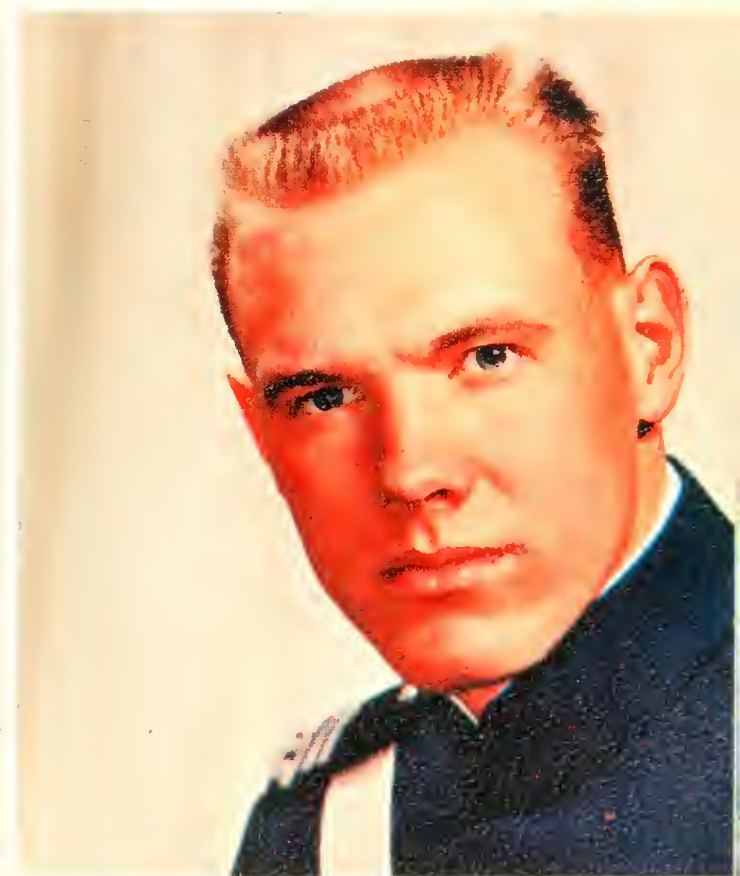
DAVID JOHN REED

"D.J."

Newfield, New Hampshire

Senatorial

Aero Club 4,3,2,1
Choir 4,3,2
Radio Club 4,3



DOUGLAS ARLAND REKENTHALER

"Rek"

Sioux City, Iowa

Congressional

Cross Country 4,3,2,1
Tennis 4,3
Track 4



MARTIN EDWIN RICHERT

"Marty"

Sloatsburg, New York

Congressional

Choir 4
Dance Committee 2
Entertainment Committee 1
Soccer 4,3,2



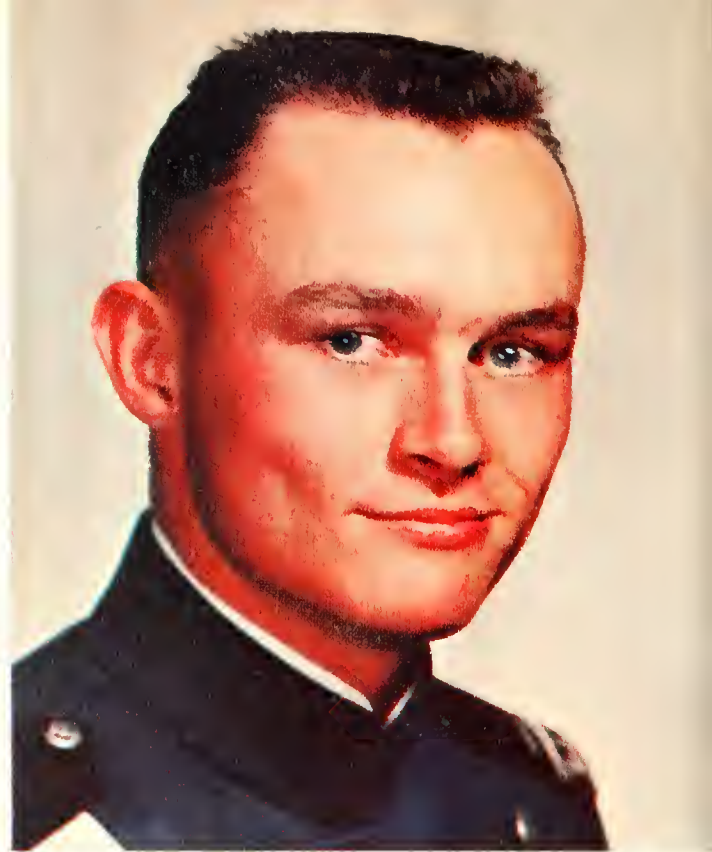
PHILIP FRANCIS ROBERTS

"Phil"

Sioux Falls, South Dakota

Congressional

Chorale 4
Fencing 1
Ski Club 4,3
Track 4



PETER HOBSON ROE

"Pete"

Seattle, Washington

Congressional

Ski Club 4,3
Ski Team 3,2,1



GORDON STANLEY SAVAGE, JR.

"Gordy"

Smyrna, Delaware

Senatorial

Judo Club 2,1 (Vice-president 2,1)
Ski Club 4



RICHARD ROBERT SCHEHR

"Dick"

Reading, Ohio

Congressional

Choir 4,3
Football 4
Track 4,3,2,1



JOHN ALBERT SCHIRA, JR.

"Shiv"

Solon, Ohio

Congressional

Entertainment Committee 3
Honor Representative 2,1
Ski Club 1



RONALD DWIGHT SANDLHOZER

Chittenango, New York

Congressional



CHARLES DUDLEY SANDS, II

"Charlie Brown"

Hobbs, New Mexico

Congressional

Choir 4,3
Gymnastics 4
Gun Club 3
Photography Club 1 (Acting Chairman)
Rally Committee 1
Ski Club 4,3,2,1
Ski Control 1
Track 2



ROBERT BYRON SAPP

"Bob"

Wooster, Ohio

Congressional

Baseball 4,3,2,1
Football 4



THOMAS WALTER SCHLECHTE

"Tom"

Evansville, Indiana

Congressional

Aero Club 3,2,1
Radio Club 4,3
Ring Committee 1
Soaring Club 3,2,1 (President 2)



JOCK CHARLES HENRY SCHWANK

"Jock"

Cedar Rapids, Iowa

Congressional

Bridge Club 1
Dance Committee 1
Lacrosse Club 2,1
Usher 4,3,2
Wrestling 4



THOMAS FREDERICK SEEBODE

"Vebs"

Memphis, Tennessee

Congressional

Dance Committee 4,2,1
Rifle Team 4



RICHARD RAYMOND SEXTON
"Squire"

Redlands, California Congressional

Judo Club 3
Photography Club 3



GARY DEAN SHEETS
"Gary"

Phillipsburg, Kansas Congressional

Bowman's Club 4,3,2,1 (President 1)
Choir 4,3,2
Class Committee 4,3,2,1
Gymnastics 3
Hunting Club 4,3,2,1 (Operations Officer 1)
Football 4
Rifle 1
Track 4,3



RICHARD BAYLEY SHEPARD
"Shep"

Waynesville, North Carolina Congressional

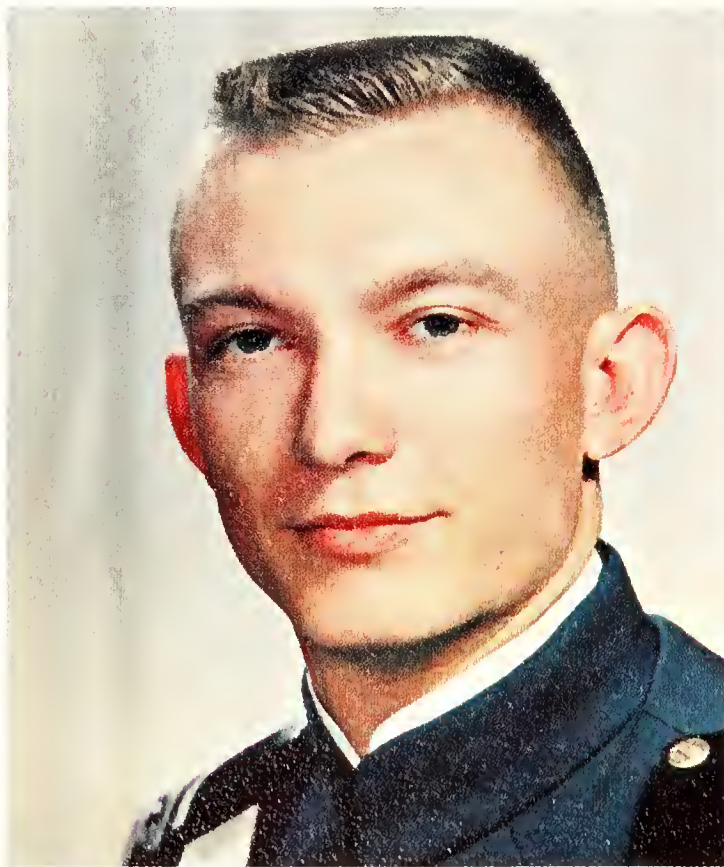
Bowman's Club 2,1
Class Committee 1
Dance Committee 4,3
Choir 4,3,2
Football 4
Gymnastics 4,3,2
Gun Club 2,1
Mountaineering Club 3,2,1
Ski Club 2,1
Track 4



DONALD EDWARD SINGER
"Don"

Havertown, Pennsylvania Congressional

Dance Committee 3
Honor Representative 1
Soccer 4,3,2,1



JOHN THOMAS SMITH
"J.T."

North Hollywood, California Congressional

Aero Club 4,3,2,1
Gun Club 1
Photography Club 3,2
Rifle 4,3,2,1
Soaring Club 3,2,1
Track 4



PATRICK JOHN SMITH
"Peej"

Bel Air, Maryland Senatorial

Bowman's Club 4,3
Dodo Staff 4
Hunting Club 4
Ski Club 4,3,2,1



ISHAM CRESTON SHIELDS, JR.
"Cres"

Columbia, South Carolina

Reserve

Aero Club 3
Choir 4,3
Fishing Club 3,2
Geography Club 4,3,2
Ski Club 4,3,2,1
Soaring Club 3

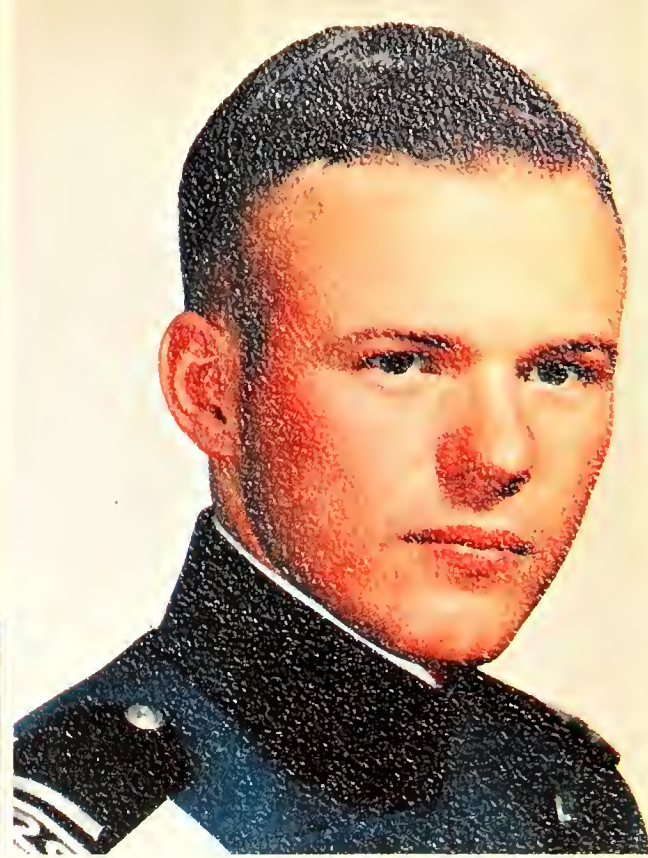


LLOYD ELLIS SHIER
"Jim"

Grants Pass, Oregon

Congressional

Chorale 3,2,1
Choir 4,3,2,1
Geography Club 4,3
Ski Club 4,3,2,1



WILLIAM DAVID SIEBECKER
"Bill"

Wausau, Wisconsin

Senatorial

Academy Assembly 2
Fencing 4,3
Ski Club 4,3,2,1
Track 4

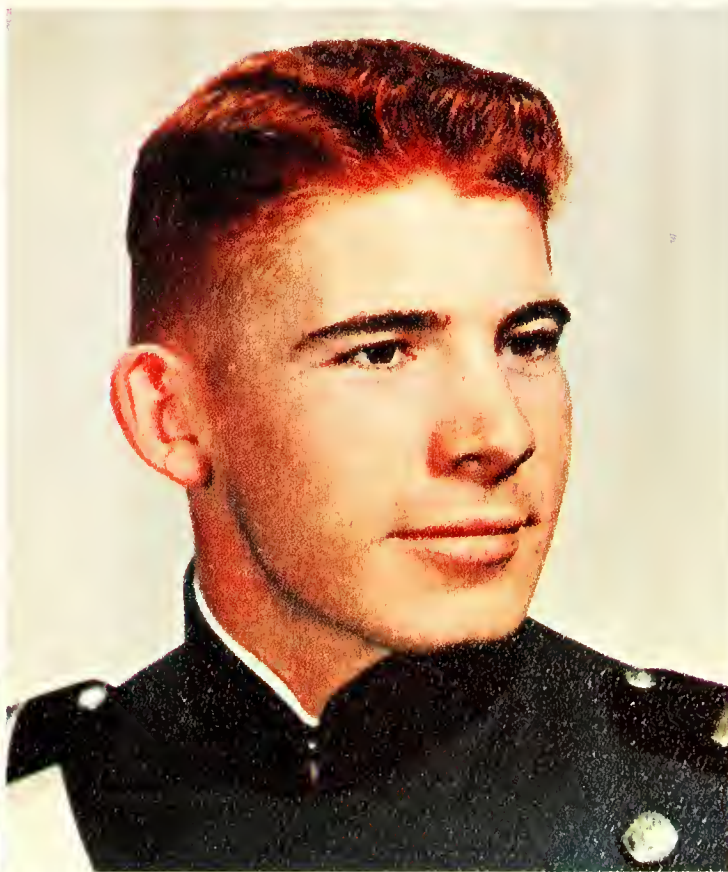


GERALD THOMAS STACK, JR.
"Jerry"

Iowa City, Iowa

Congressional

Bridge Club 3,2,1 (Vice-president 1)
Forensic Society 2,1
Forum 4,3,2,1
Tennis 4,3,2,1 (Captain 1)



DONALD DUANE STEVENS
"Chik"

Clayton, Illinois

Senatorial

Bridge Club 2,1
Choir 4,3
Honor Representative 3,2,1
Forensic Society 4,3,2
Photography Club 3,2
Ski Club 4,3,2,1

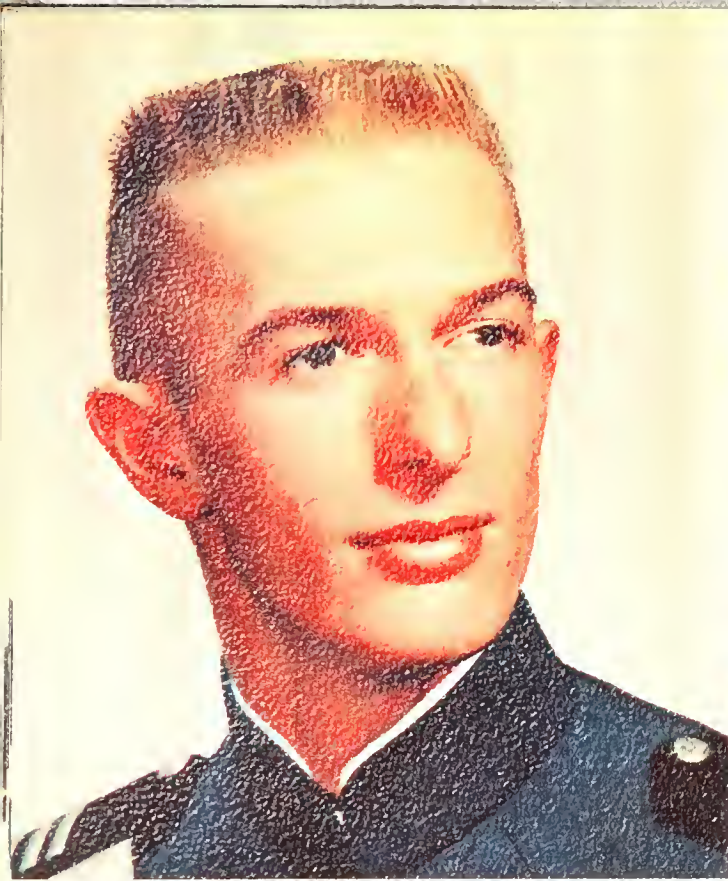


THEODORE JOSEPH STUMM
"Ted"

Batavia, Illinois

Congressional

Aero Club 4,3,2
Gun Club 3
Model Engineering Society 3,2



PAUL MATTHEW SULLIVAN

Los Angeles, California

Congressional

Chess Club 4,3,2,1
Choir 4,3,2
Chorale 4,3,2
Engineering Society 4,3,2,1
Geography Club 4,3
Gymnastics 4,3,2,1



WALTER CAMPBELL SWEENEY III
"Walt"

Westover AFB

Presidential

Entertainment Committee 1
Hockey Club 2
Ski Club 4,3,2,1



DAVID LEE SWEIGART
"Dave"

Bernville, Pennsylvania

Congressional

Bowling Club 2,1
Choir 4,3,2
Pep Band 4,3
Soccer 3,2,1



CHARLES HILARY THOMPSON, JR.
"Charlie"

Montvale, New Jersey

Congressional

Choir 4,3
Glee Club 4,3
Gun Club 4,3
Ski Club 4,3,2,1



DALE WILLARD THOMPSON, JR.
"Dale"

Lawton, Oklahoma

Congressional

Entertainment Committee 4
Gun Club 4,3,2,1 (Materiel Officer 1)
Mountaineering Club 3,2
Soccer Team 4,3,2,1 (Captain 1)
Talon Staff 2,1



AARON DEAN THRUSH
"T"

Saint Johns, Ohio

Congressional

Academy Assembly 2,1
Fishing Club 2,1
Forum 4,3,2,1
Ski Club 4,3,1
Talon Staff 4,3,2,1 (Business Manager 2,1)



WILLIAM WALLACE TAYLOR
"Bill"

Corpus Christi, Texas Congressional

Basketball 4
Bridge Club 3,2,1 (President 1)
Dodo Staff 2,1 (Managing Editor 1)
Football 4,3
Engineering Society 1
Talon Staff 3,2,1
Track 4,3



VICTOR RALPH THOMAS
"Vic"

North Loup, Nebraska Senatorial

Chorale 4,3
Fencing 4,3,2
Geography Club 4
Hunting Club 2,1
Ski Club 4,3,2,1



JAMES HOWARD THOMASSON
"Jim"

Charlotte, North Carolina Congressional

Choir 4,3
Class Committee 3,2,1



DONALD LEE THURMAN
"Don"

Shelby, Ohio Senatorial

Catholic Religious Council 1
Honor Committee 2,1
Hunting Club 1
Ring Committee 2,1
Ski Club 4,2,1



JOHNNIE FLOYD TOWNSEND
"Gimp"

Salome, Arizona Congressional

Wrestling 4
Pistol Team 3,2,1



CHARLES WARREN UPTON

Williamsburg, Kentucky Congressional

Ski Club 2,1
Tennis 2,1

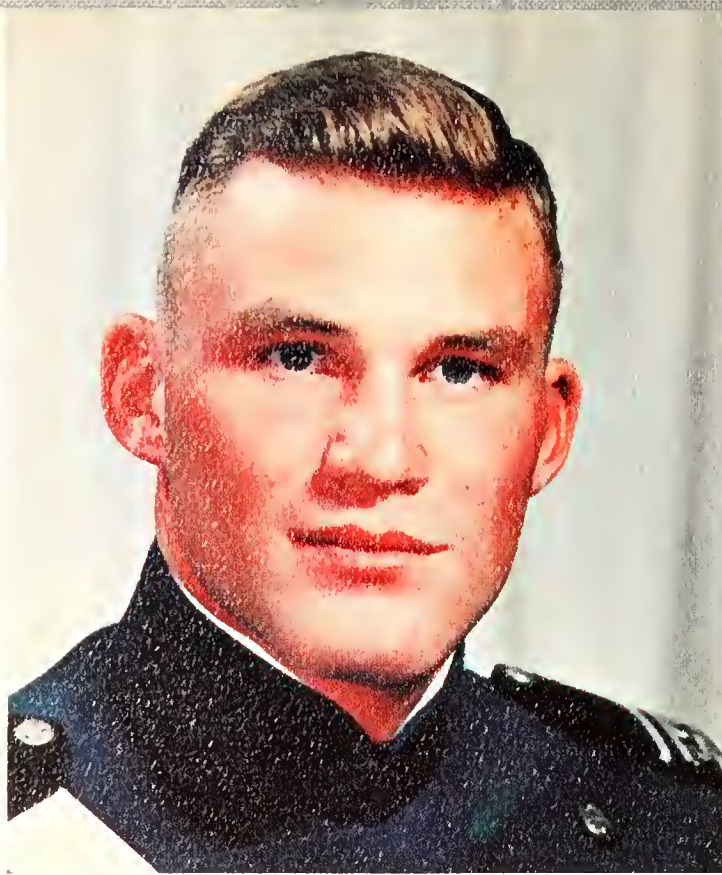


PAUL JOSEPH VALLERIE
"Val"

Norwald, Connecticut

Senatorial

Geography Club 4,3
Gun Club 4,3
Pistol 4
Soccer 4



EARL SUMMER VAN INWEGEN
"Van"

Lansing, Illinois

Congressional

Choir 4
Class Committee 4,3,2,1
Football 4,3,2,1 (Manager 3)
Photography Club 4,3
Ski Club 4,3,2,1
Track 4
Wrestling 4

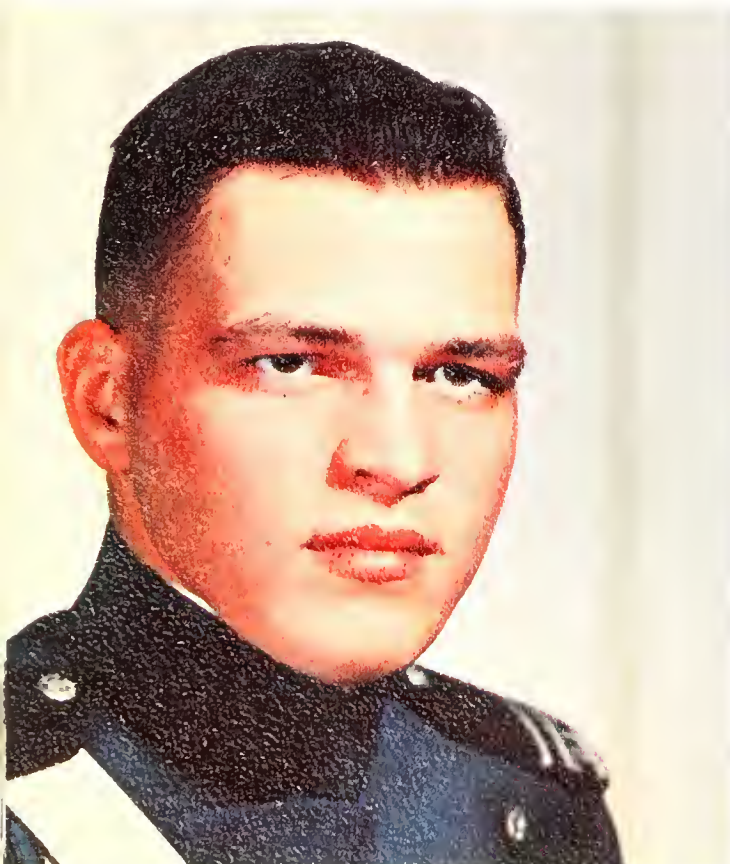


GARY LYNN VAN SINGEL
"Van"

Grant, Michigan

Congressional

Fishing Club 3,2,1
Hunting Club 4,3,2,1
Photography Club 2,1
Skeet Club 4,3,2,1
Ski Club 4,3,2,1



FREDERICK THOMAS WALKER
"Rick"

Brooklyn, New York

Congressional

Fishing Club 3
Forensic Society 4,3,2,1
Gun Club 1
Model Engineering Society 3



DENIS LEO WALSH
"Leo"

Springfield, Missouri

Congressional

Class Committee 4,3
Honor Representative 2,1
Rifle 4,3,2,1



CHRISTIAN ADAM WARACK
"Chris"

Owendale, Michigan

Congressional

Football 4,3,2,1
Honor Representative 2,1



DEAN FRANKLIN VIKAN
"Vik"

Fosston, Minnesota Congressional

Archery Club 2,1
Choir 4,3,2
Photography Club 2
Swimming 4,3



JAMES EDWARD WADDLE
"Duck"

Downey, California Congressional

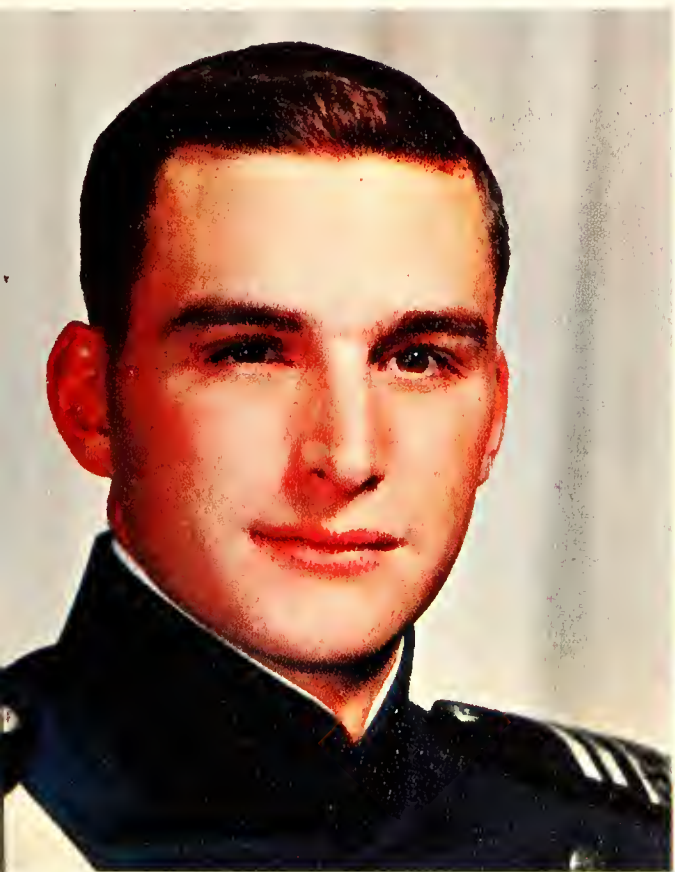
Engineering Society 2
Football 4
Lacrosse Club 3,2,1
Model Engineering Society 3
Ski Club 4,3,2,1
Yearbook Staff 3,2,1



CLARK MILS WALKER
"Clark"

Plainfield, Wisconsin Congressional

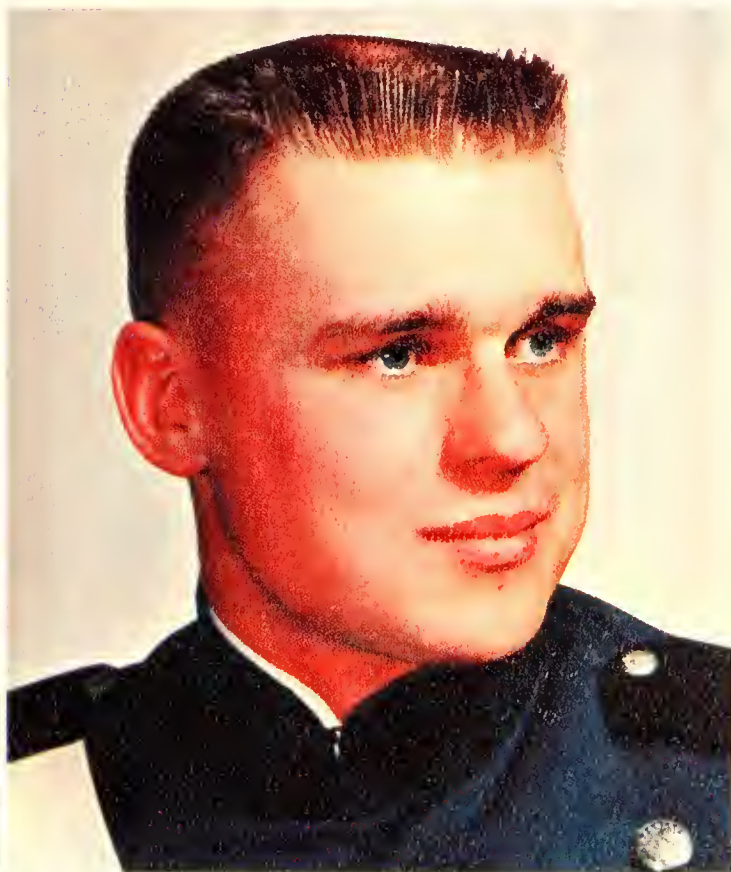
Choir 4
Football 4 (Manager)
Baseball 4,2,1



DONALD FRANK WARE
"Don"

Lewiston, Idaho Congressional

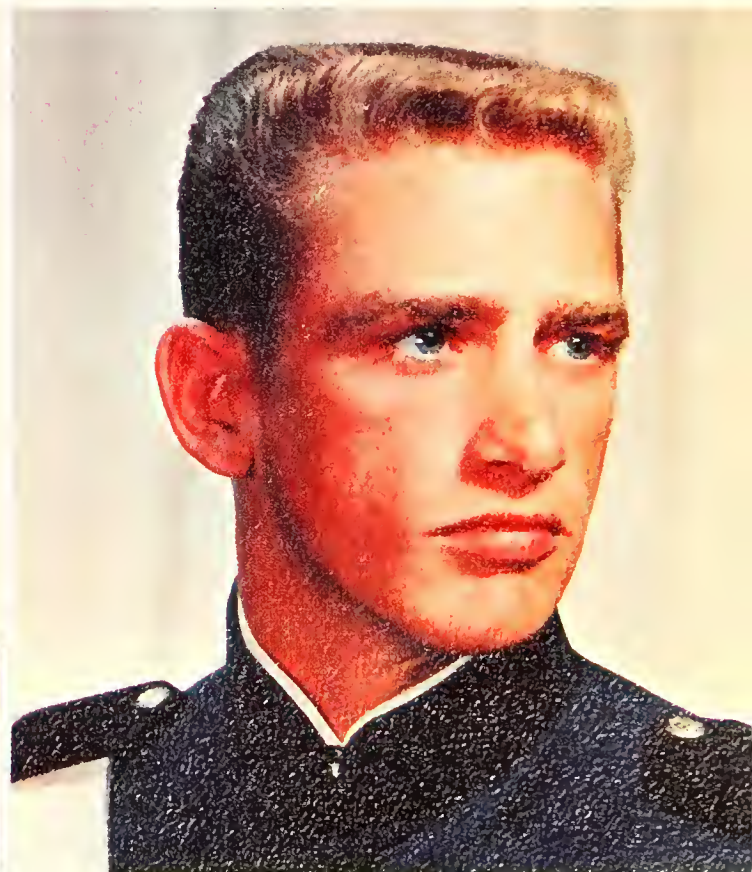
Entertainment Committee 4
Pistol 1
Ski Club 4,3
Radio 3



CHARLES RUSSELL WATERMAN, JR.
"Russ"

Brentwood, New Hampshire Congressional

Football 4,3,2,1
Judo Club 4,3,2,1 (President 1; Secretary 2)
Skeet Club 4
Ski Club 4,3,2,1



SAMUEL EDWIN WATERS, JR.
"Sam"

Mocksville, North Carolina Congressional

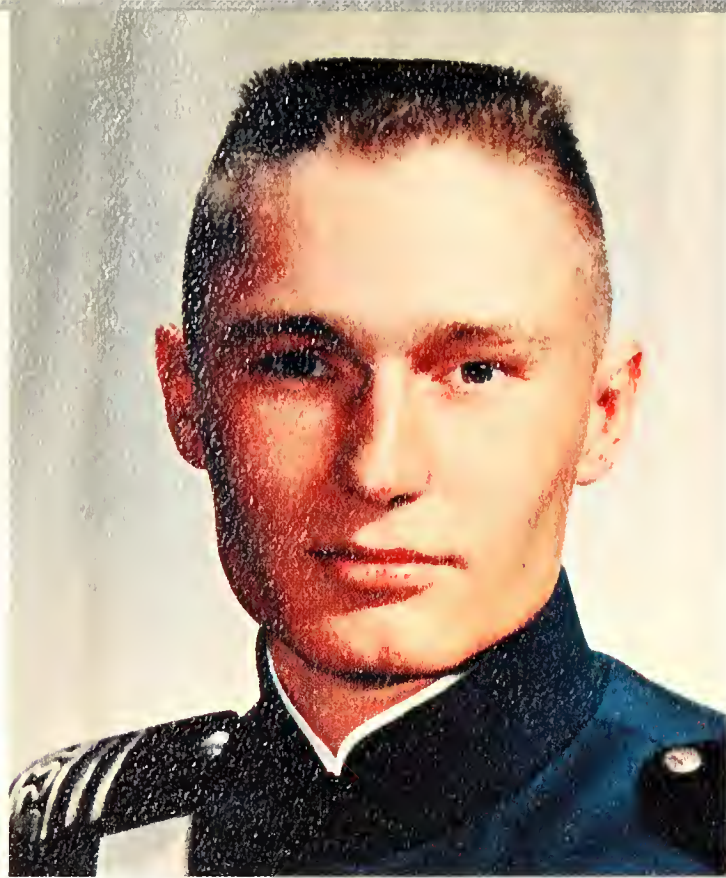
Dance Committee 1



GRANT REED WAUGH
"Reed"

Presidential

Bridge Club 3,2,1
Entertainment Committee 4,3,2
Golf Team 4,3,2,1 (Captain 1)
Ski Club 4,3

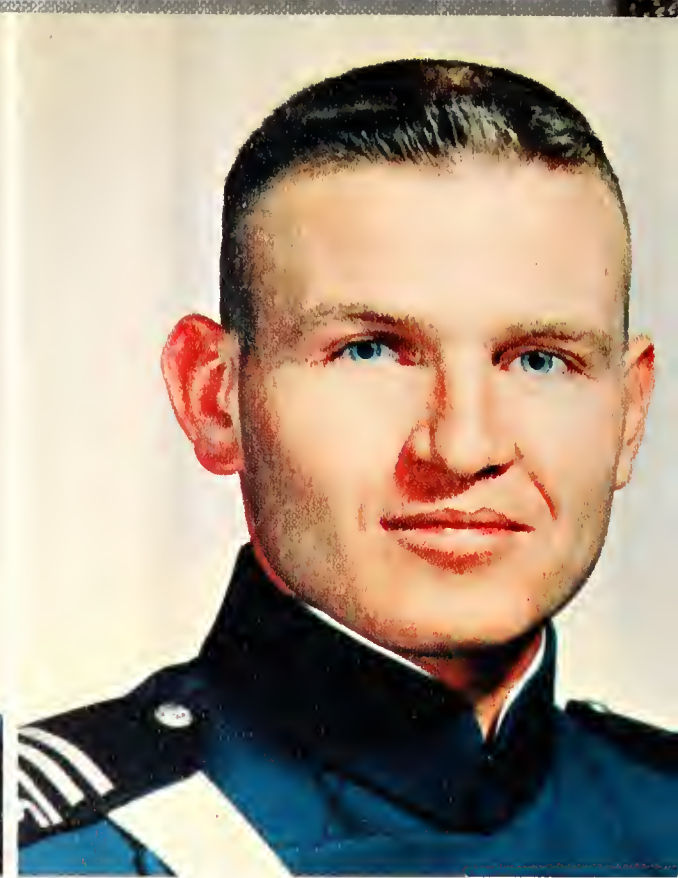


ROBERT PAUL WEINAUG
"Bob"

Arlington, Virginia

Senatorial

Academy Assembly 2,1
Choir 4,3
Forum 1
Ski Club 4,3,2,1
Yearbook Staff 2,1 (Section Head 1)



KENNETH PHILIP WERRELL
"Panda"

Irvington, New Jersey

Congressional

Gun Club 2,1
Pistol Team 4,3,2,1
Professional Studies Group 1
Ski Team 4,3,2



DAVID LEWIS WIEST
"Slats"

Lynchburg, Virginia

Congressional

Dodo 2,1
Forum 2,1
Gymnastics 4,3,2,1
Professional Studies Group 2,1 (Chairman 1)
Track 4



DONALD LEE WOLFSWINKEL
"Don"

Hull, Iowa

Congressional

Basketball 4,3,2,1 (Captain 1)

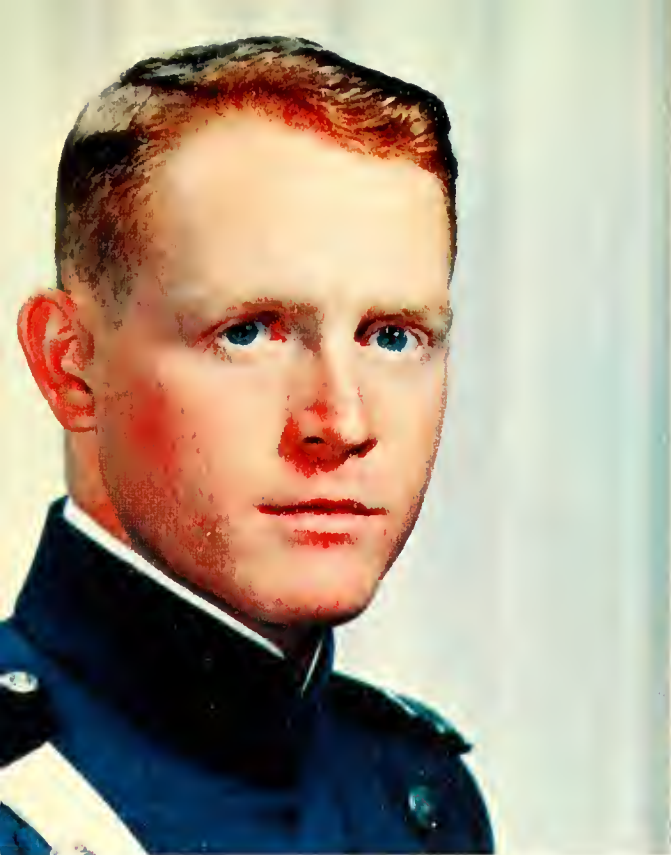


RONALD WILBURN YATES
"Ron"

Nashville, Tennessee

Congressional

Fishing Club 3
Football 4
Ski Club 3,2,1



ERNEST DERIEUX WHALEY, JR.

"Ernie"

Union, South Carolina

Congressional

Choir 4,3
Dance Representative 1



HOWARD McLEAN WHITFIELD

"Howie"

Brookfield Center, Connecticut

Senatorial

Mountaineering Club 3,2,1 (President 1)
Lacrosse Club 4,3,2,1 (President 1)
Ski Club 4,3,2,1
Ski Team 2



EDWIN LEWIS WHITMAN

"Ned"

Weedsport, New York

Congressional

Forum 3,1
Geography Club 4,3
Professional Studies Group 1
Ski Club 3,2,1
Yearbook Staff 4,3



VICTOR EMMETT YOAKUM

"Vic"

Olympia, Washington

Senatorial

Class Committee 4,3,1
Fishing Club 3,2
Football 4
Hunting Club 4,3,2,1
Skeet Club 4,3,2,1
Ski Club 3,2,1



WILLIAM FREDERICK HUGO ZERSEN

"Zers"

Chicago, Illinois

Senatorial

Baseball 4
Basketball 4,3
Dance Committee 3,2,1
Football 4
Protestant Religious Council 2,1



ALEX DREWE ZIMMERMAN

"Zim"

San Diego, California

Congressional

Rifle 4,3,2,1

Academic

The Lieutenant Generals Millard F. and Hubert R. Harmon Award to the Outstanding Cadet in General Order of Merit

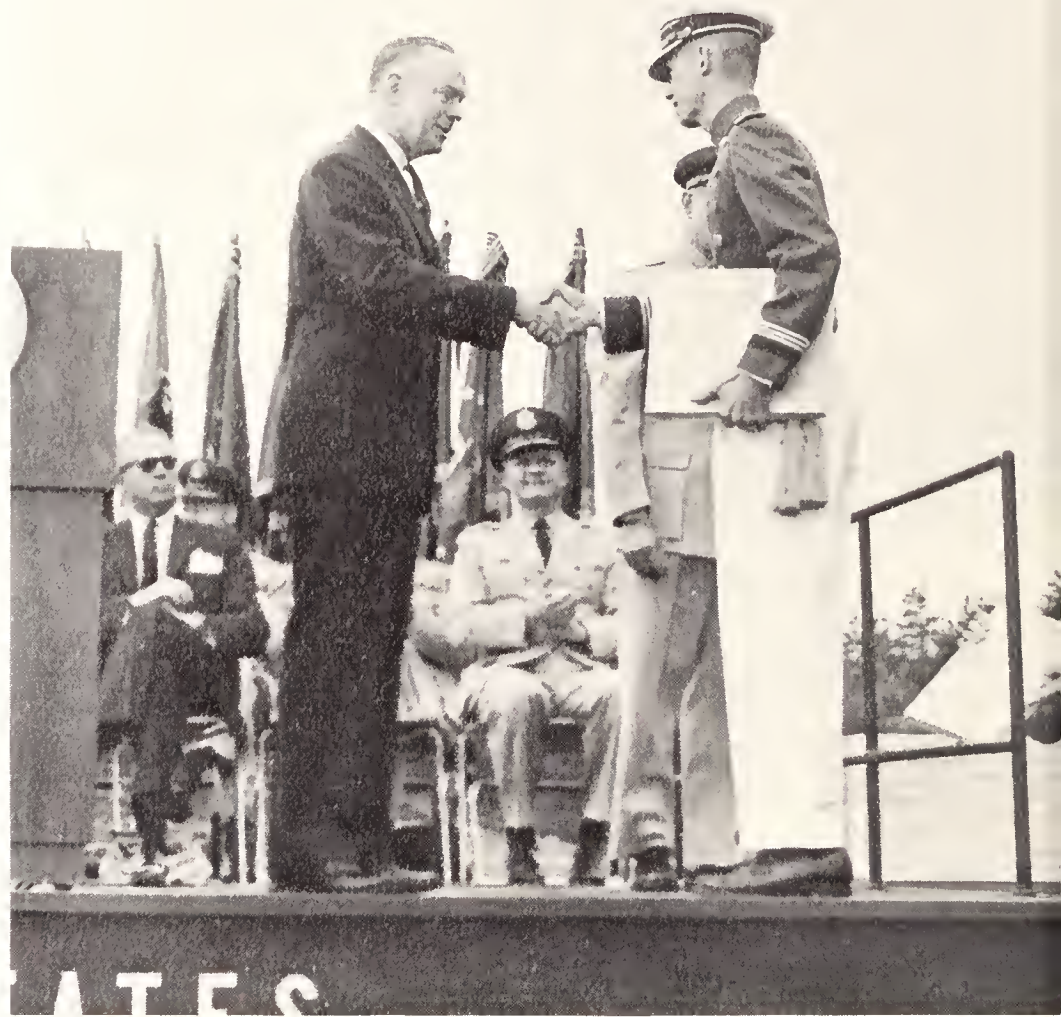
The Lieutenant General Claire L. Chennault Award to the Outstanding Cadet in Basic Sciences

The Dr. John von Neumann Award to the Outstanding Cadet in Astronautics

The Captain Edward E. Barrow Award to the Outstanding Cadet in Chemistry

The Brigadier General Paul T. Cullen Award to the Outstanding Cadet in Navigation

The Colonel Homer Kellems Award to the Outstanding Cadet in Thermodynamics



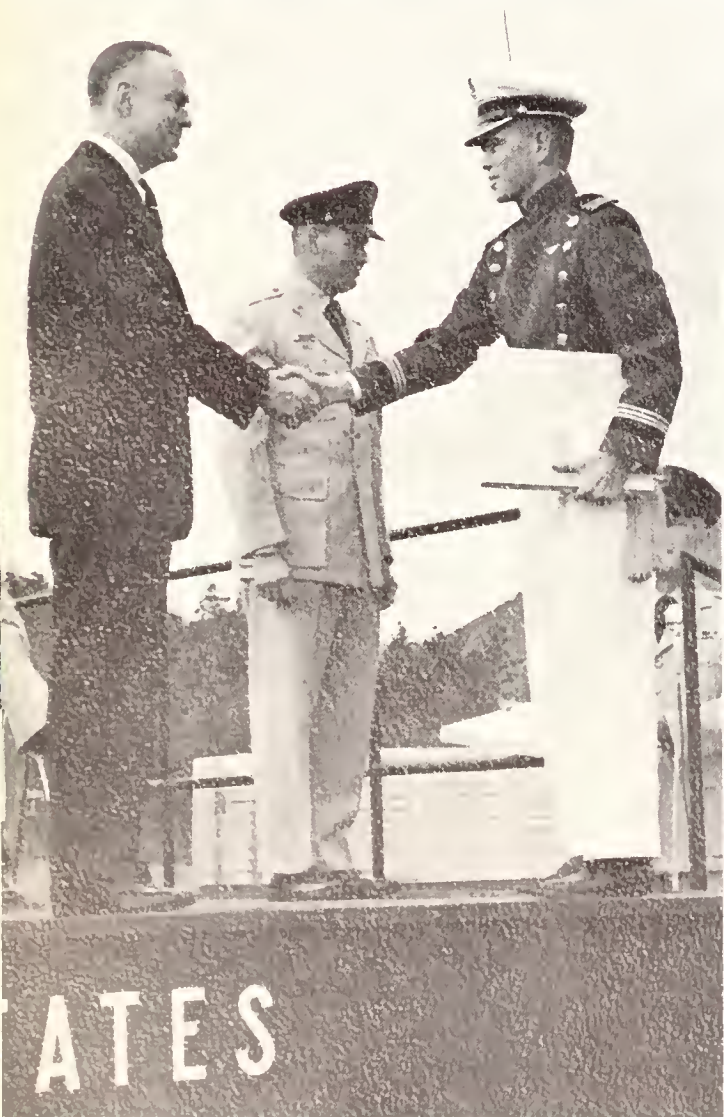
Alex D. Zimmerman

98

Edwin L. Whitman

Martin E. Richert

Phillip A. Cooke

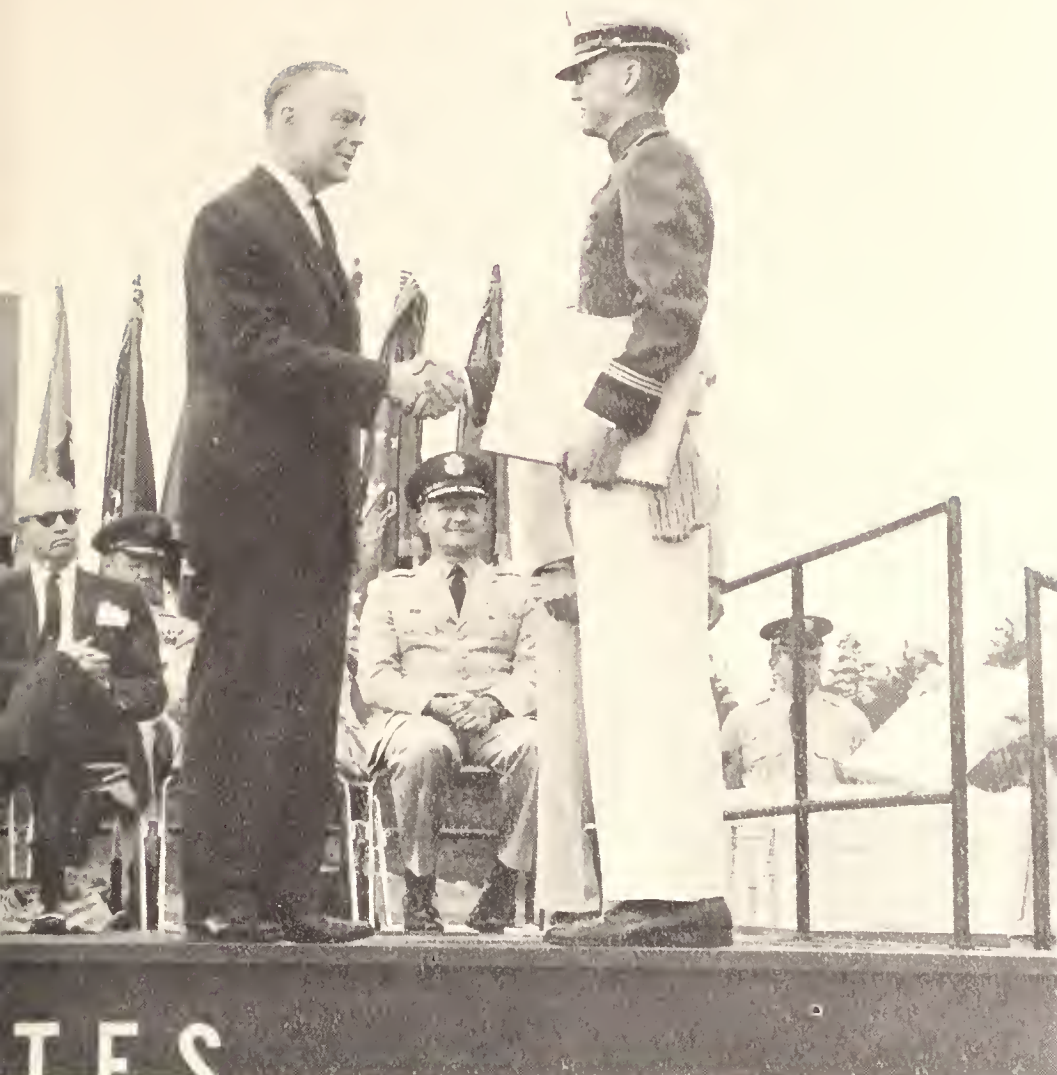


The Dr. John Oliver LaGorce Award to the Outstanding Cadet in Geography

The Major G. Rooul Lufbery Award to the Outstanding Cadet in Foreign Languages

The Lieutenant General Barton K. Yaunt Award to the Outstanding Cadet in Humanities

Awards



David B. Luce

The General Muir S. Fairchild Award to the Outstanding Cadet in Academic Achievement

The General Hoyt S. Vandenberg Award to the Outstanding Cadet in Airmanship Subjects

The Wright Brothers Award to the Outstanding Cadet in Applied Sciences

The Brigadier General William Mitchell Award to the Outstanding Cadet in Military Studies

The Lieutenant Colonel Thomas Hitchcock Award to the Outstanding Cadet in Economics

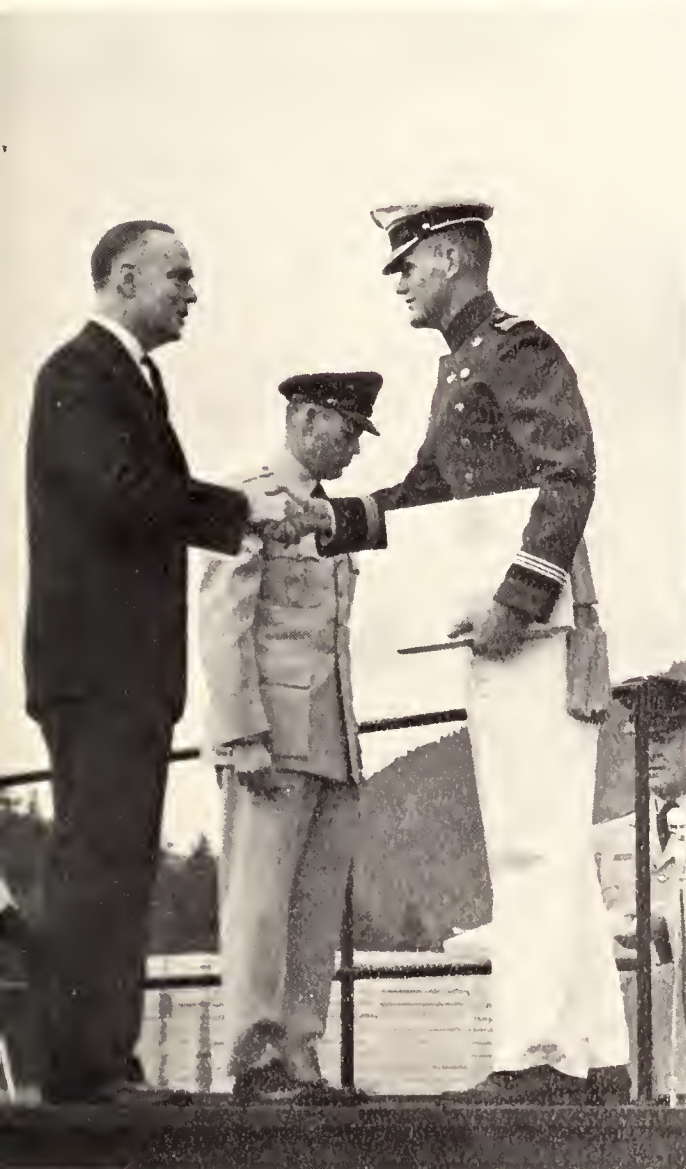
The Major General Herbert A. Dargue Award to the Outstanding Cadet in Electrical Engineering

The Colonel Carl F. Greene Award to the Outstanding Cadet in Mathematics

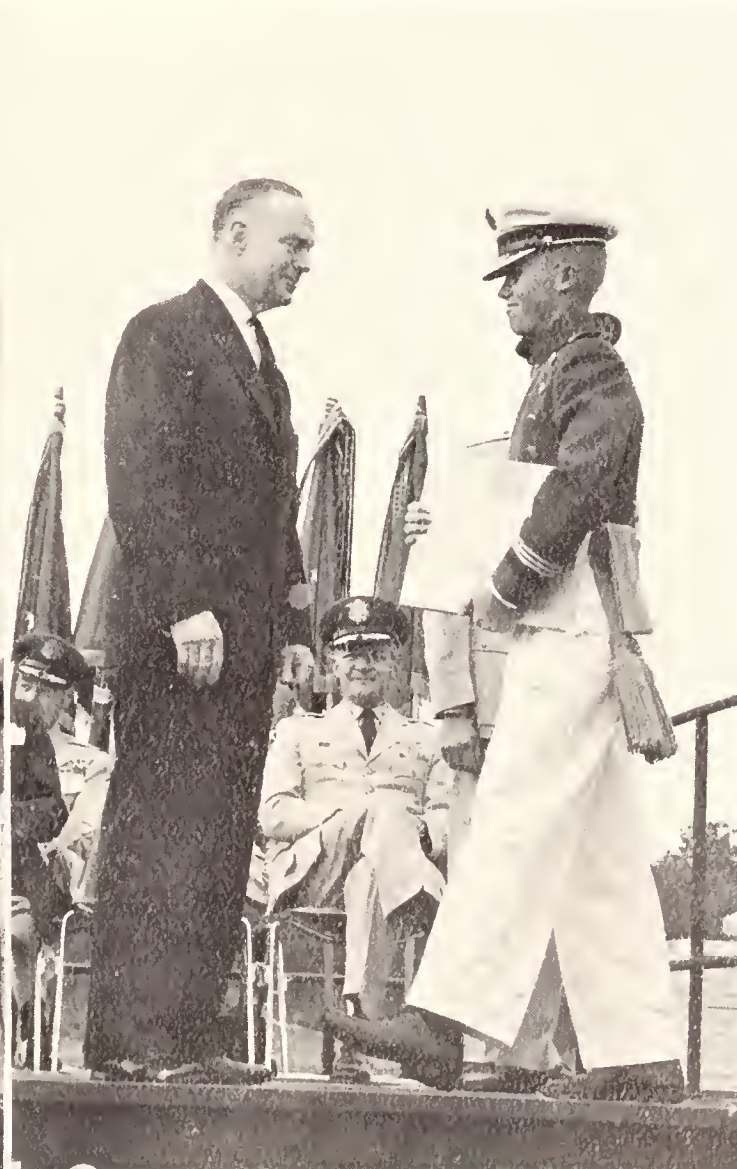
Russell R. MacDonald, Jr.

Wilfred L. Goodson

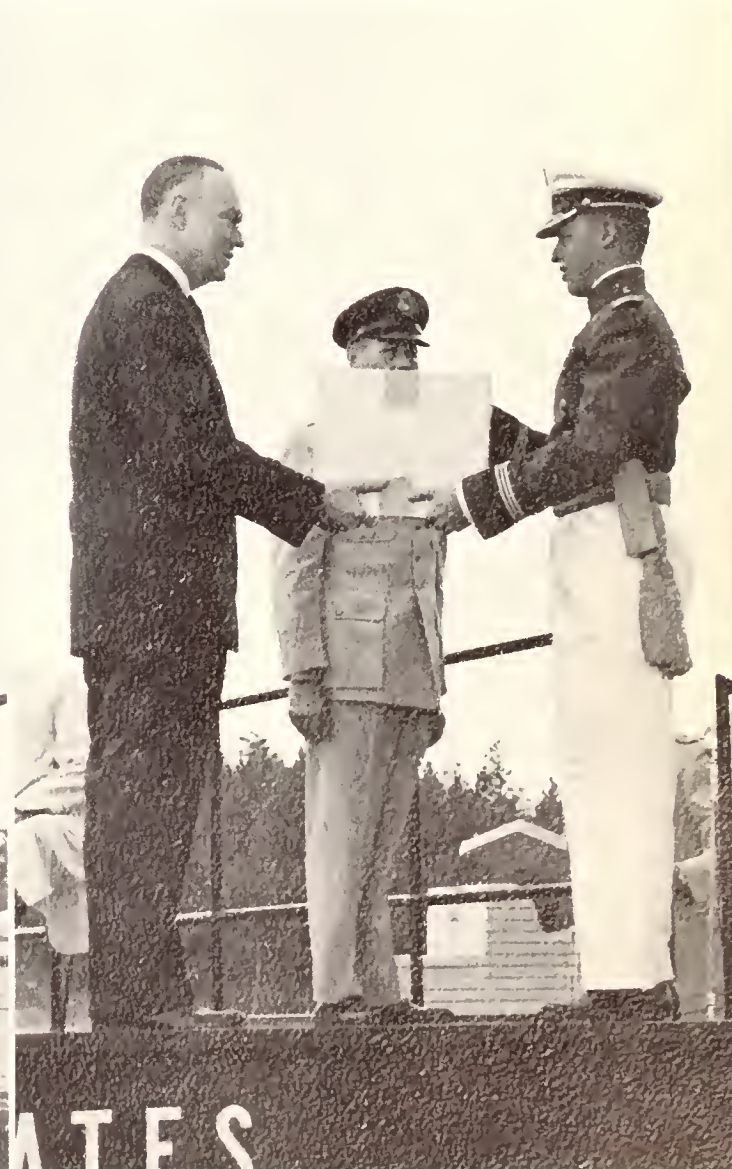
James F. Glaza



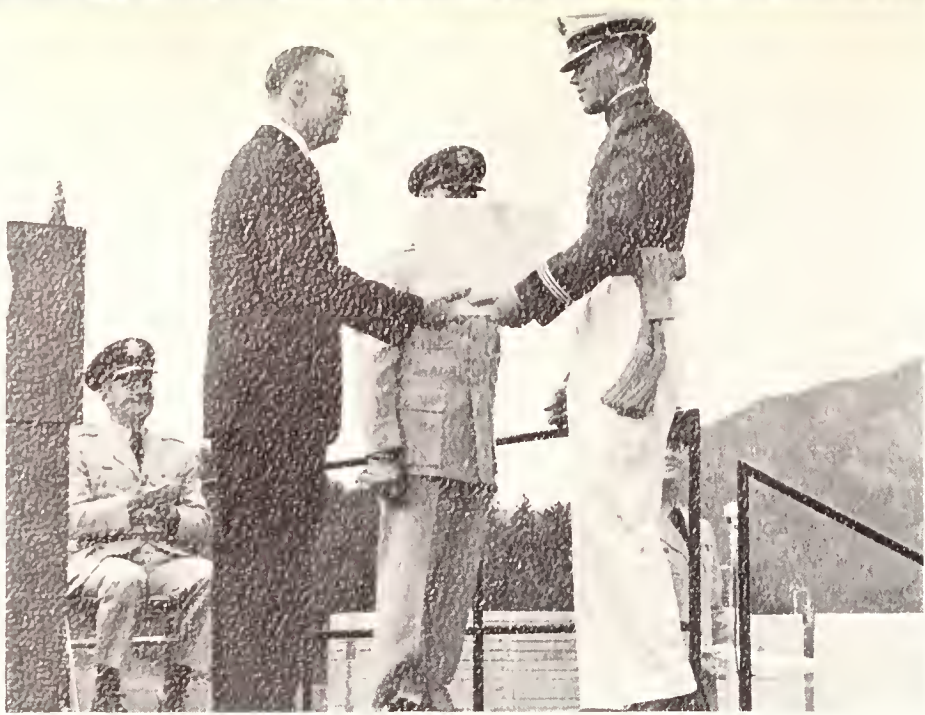
The Amelia Earhart Award to the Outstanding Cadet in Social Sciences



The Professor Samuel Pierpont Langley Award to the Outstanding Cadet in Aerodynamics

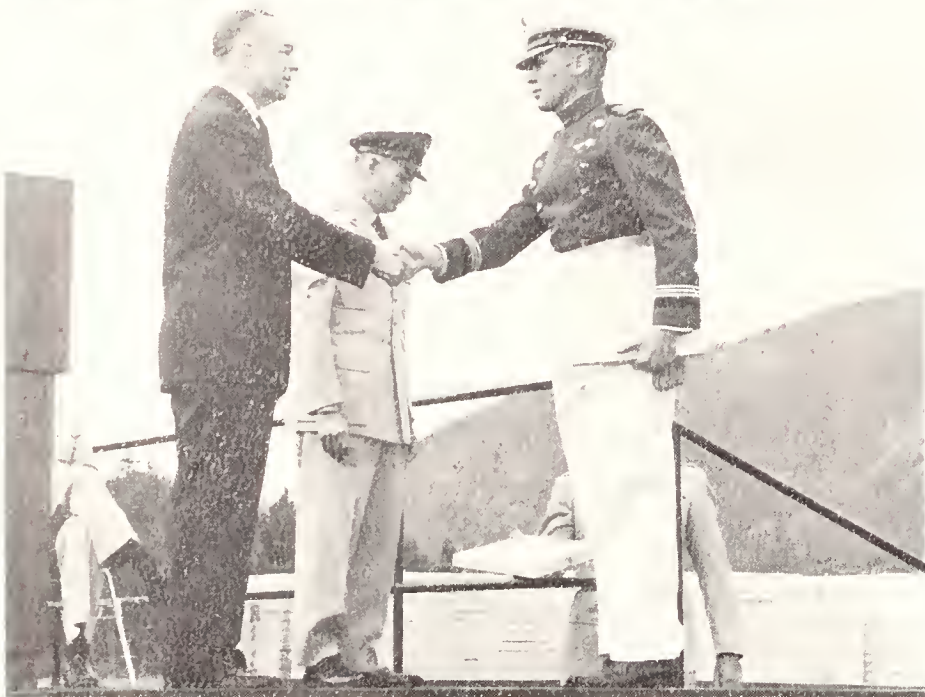


The Lieutenant Charles Nordhoff and Captain James Hall Award to the Outstanding Cadet in English



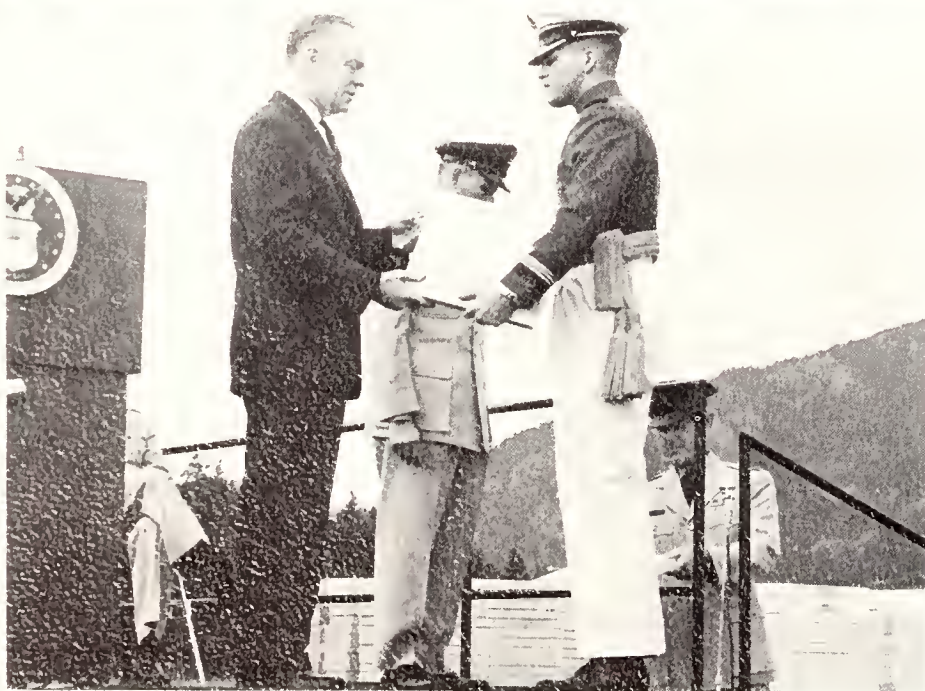
The General of the Air Force Henry H. Arnold Sward to the Cadet Wing Commander,

Anthony J. Burshnick



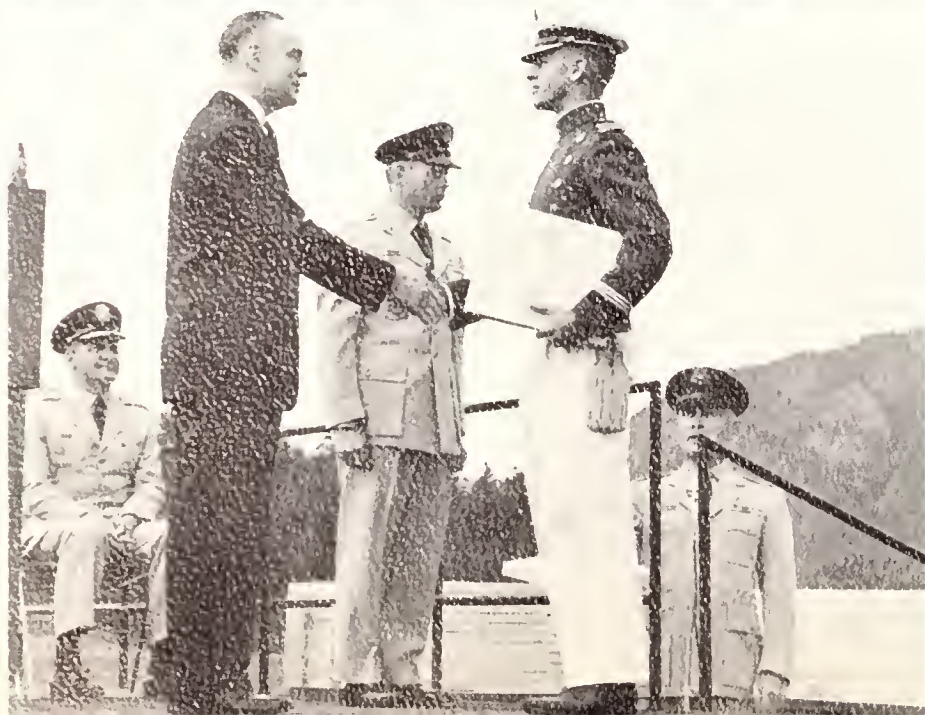
The Major General Oscar Westover Award for Outstanding Cadet Effectiveness

Jerry L. Caskey



The Major General James E. Fechet Award to the Outstanding Cadet in Inter-collegiate Speech Competition,

Frederick T. Walker

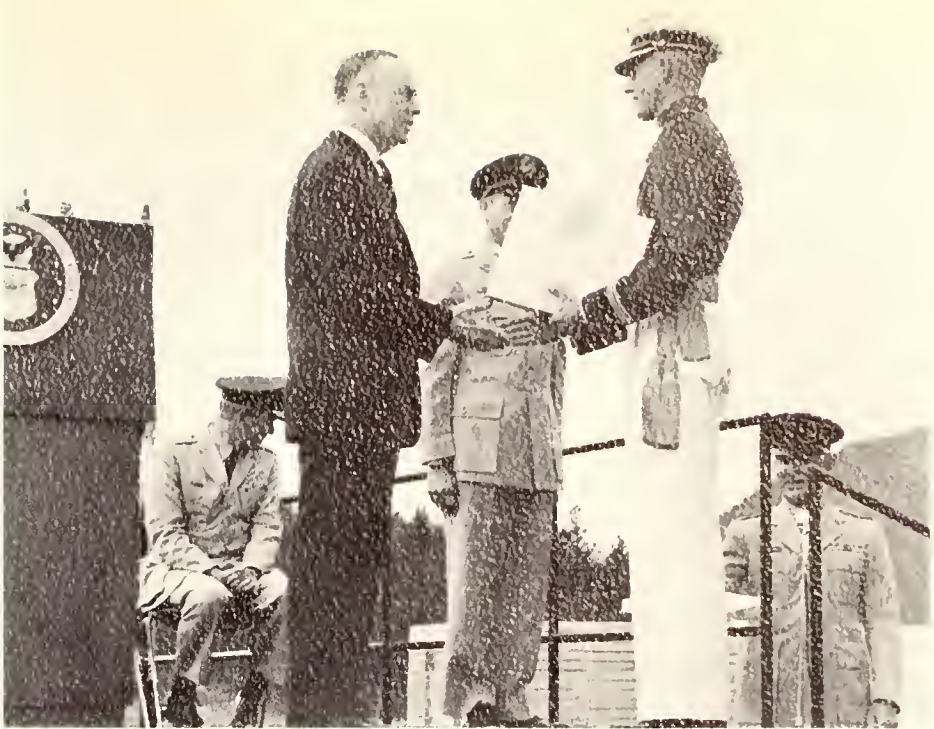


The Brigadier General A. Robert Ginsburgh Award to the Editor of the Palaris,

Narman C. Alexander

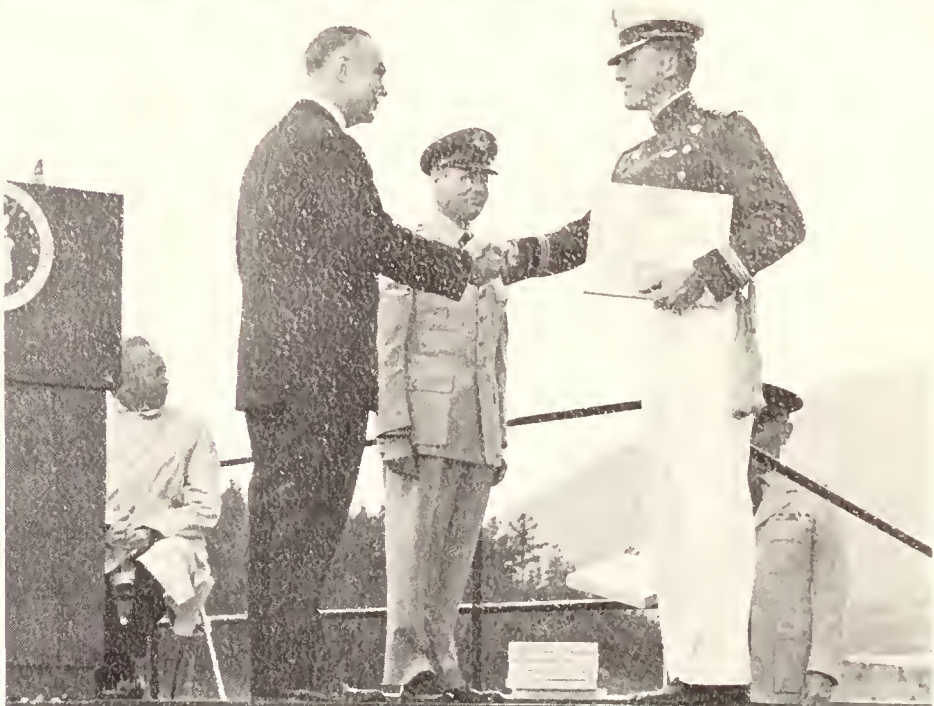
The Air Force Academy Athletic Association Award to the Graduating Cadet who has contributed most to the intercollegiate athletic program,

Donald L. Walfswinkel



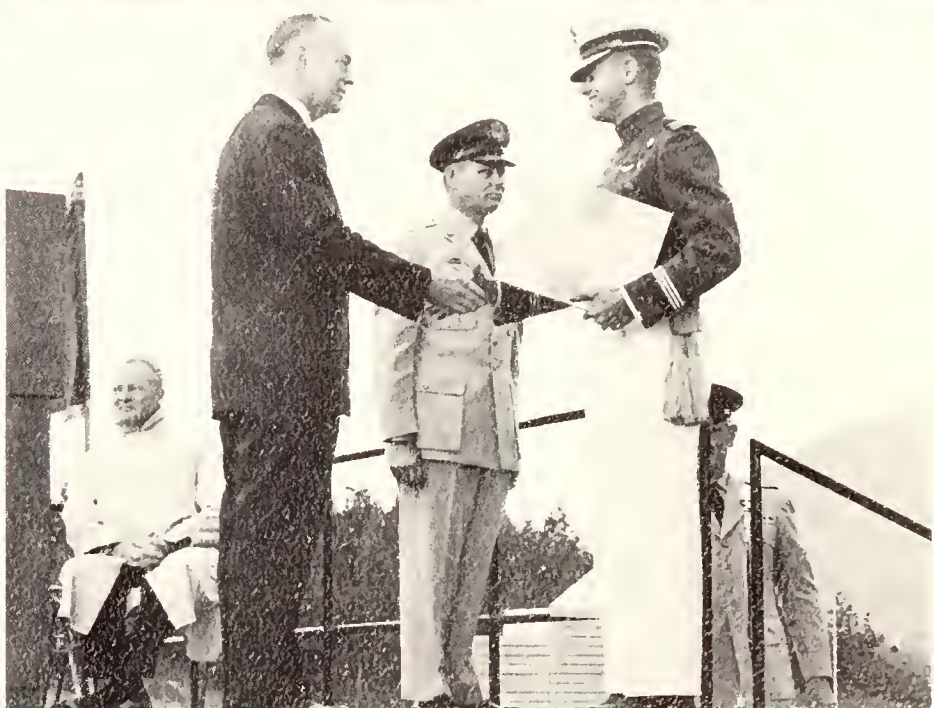
The N. Jay Boots Award to the Outstanding Athlete,

Jahn D. Kuenzel



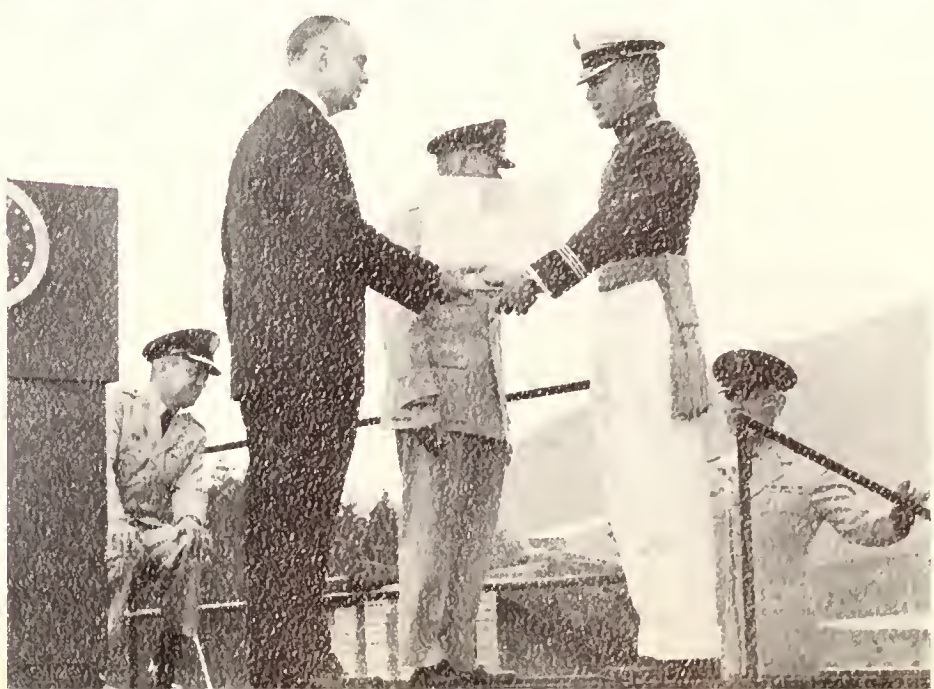
The Tote Brothers Award for Outstanding Leadership exemplified by character and conduct on the plying field,

Derry A. Adamson

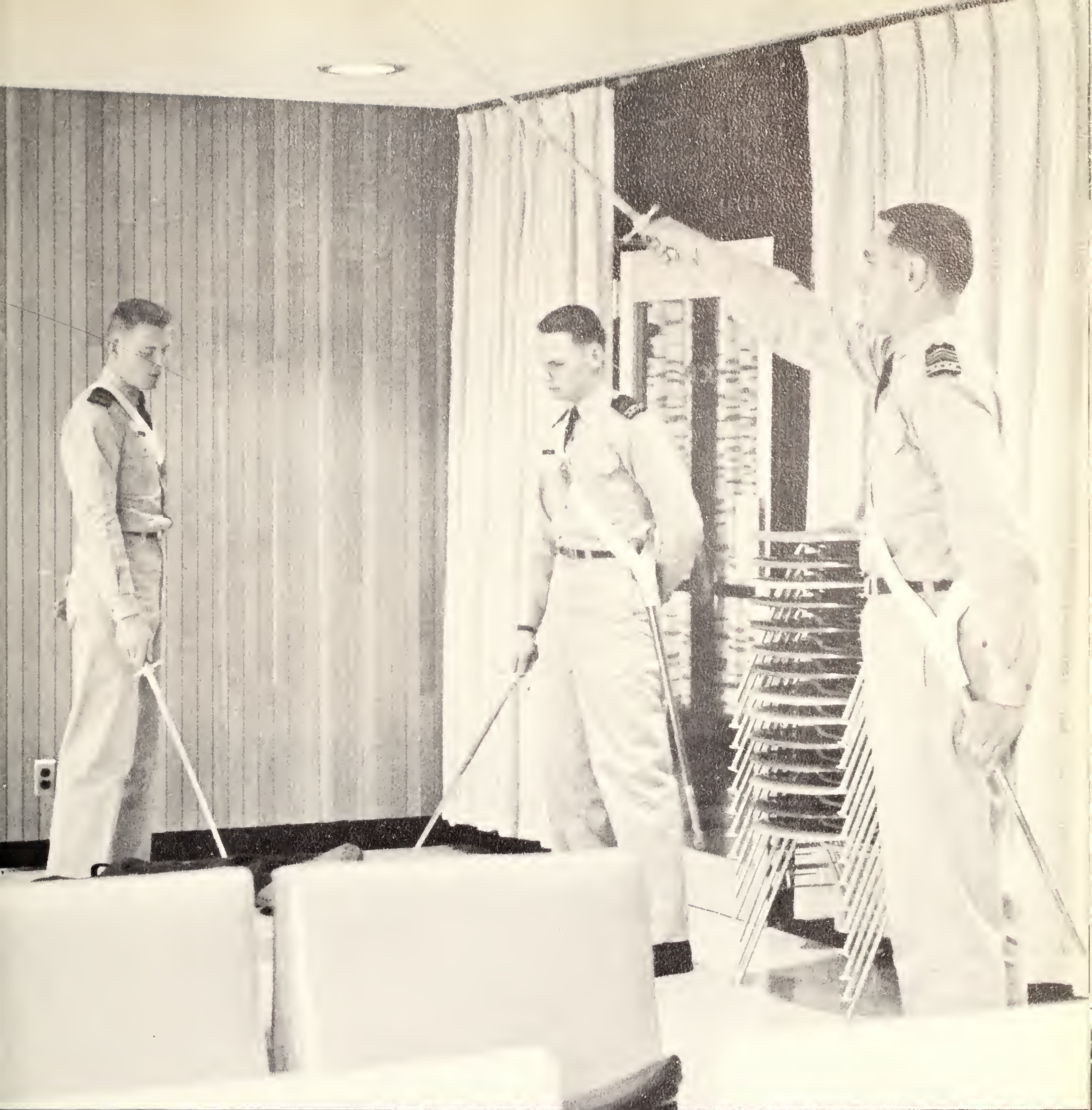


The Captain Deon G. Crowell Award to the Outstanding Codet in Physical Education,

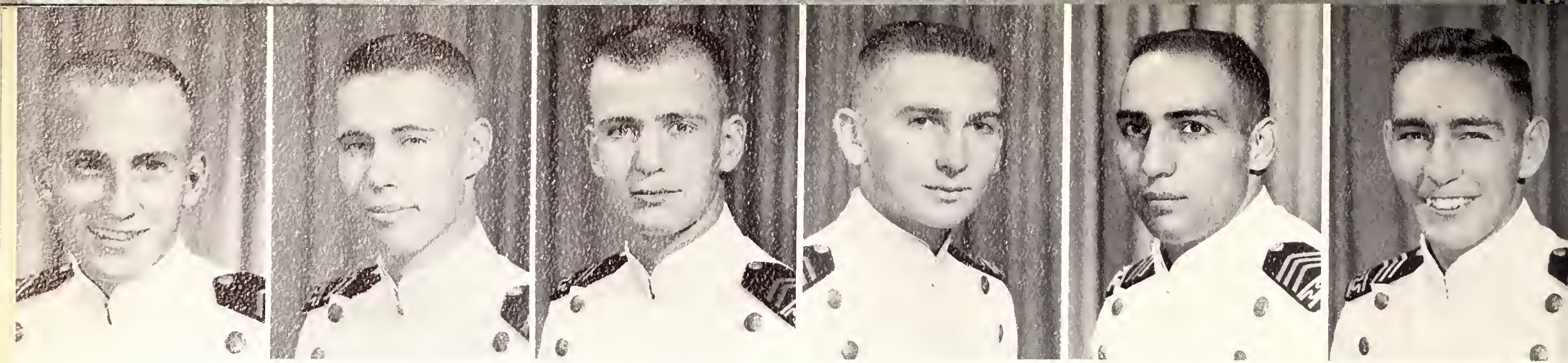
Richard B. Shepard







Class of 1961



Abbott, S. C.

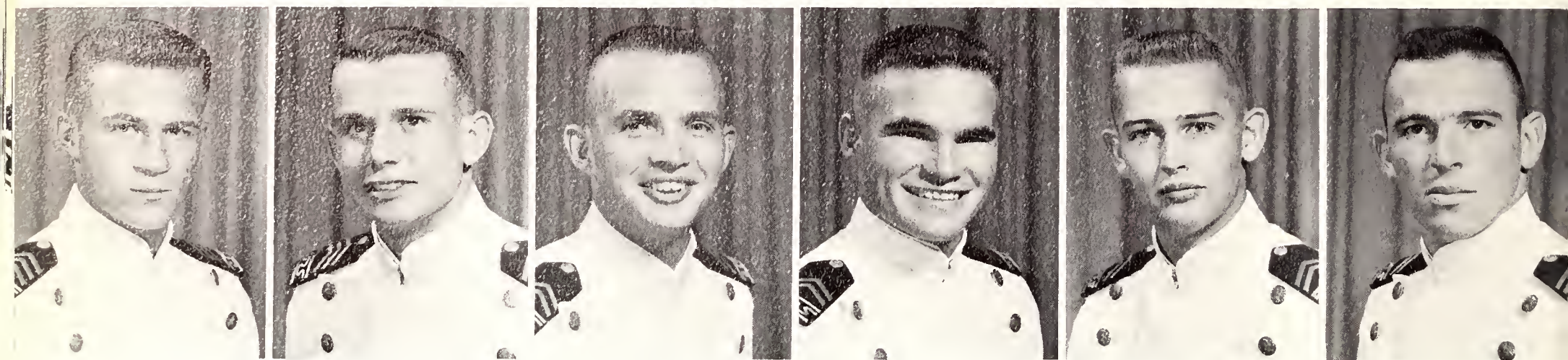
Ahmann, J. N.

Aman, E. D.

Anderson, M. A.

Apodaco, V. J.

Arnold, R. W.



Bodenhamer, H. L.

Boedeker, R. F.

Bouquet, V. H. Jr.

Box, D. W.

Boyd, S. R.

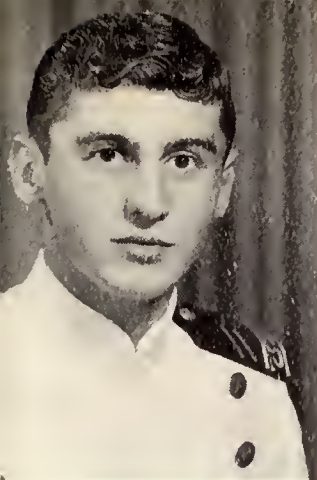
Bradstreet, F. E.

This was the place . . .

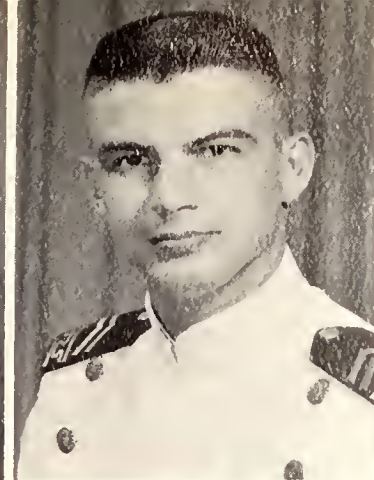


And this was us.

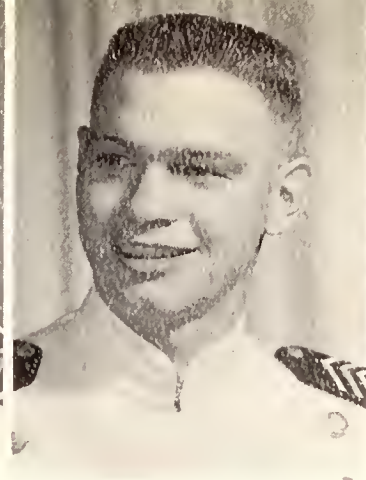




Aylsworth, W. E.



Bainter, H. T.



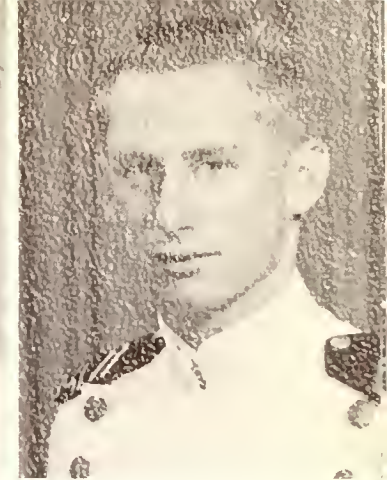
Barrazone, S. W.



Bates, W. D. Jr.



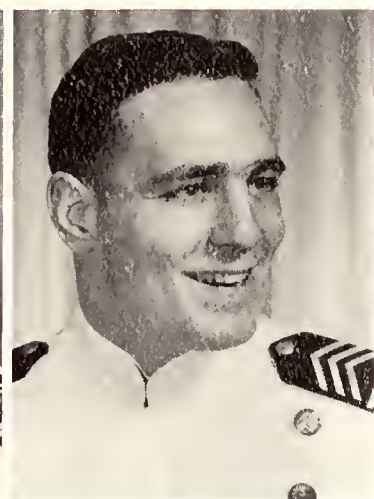
Best, R. W. Jr.



Blaisdell, A. C.



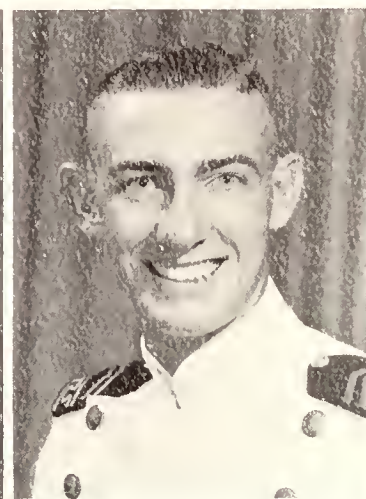
Brickey, R. E.



Bright, J. W. L.



Brophy, T. F.



Broughton, C. E.



Brusky, J. W. Jr.

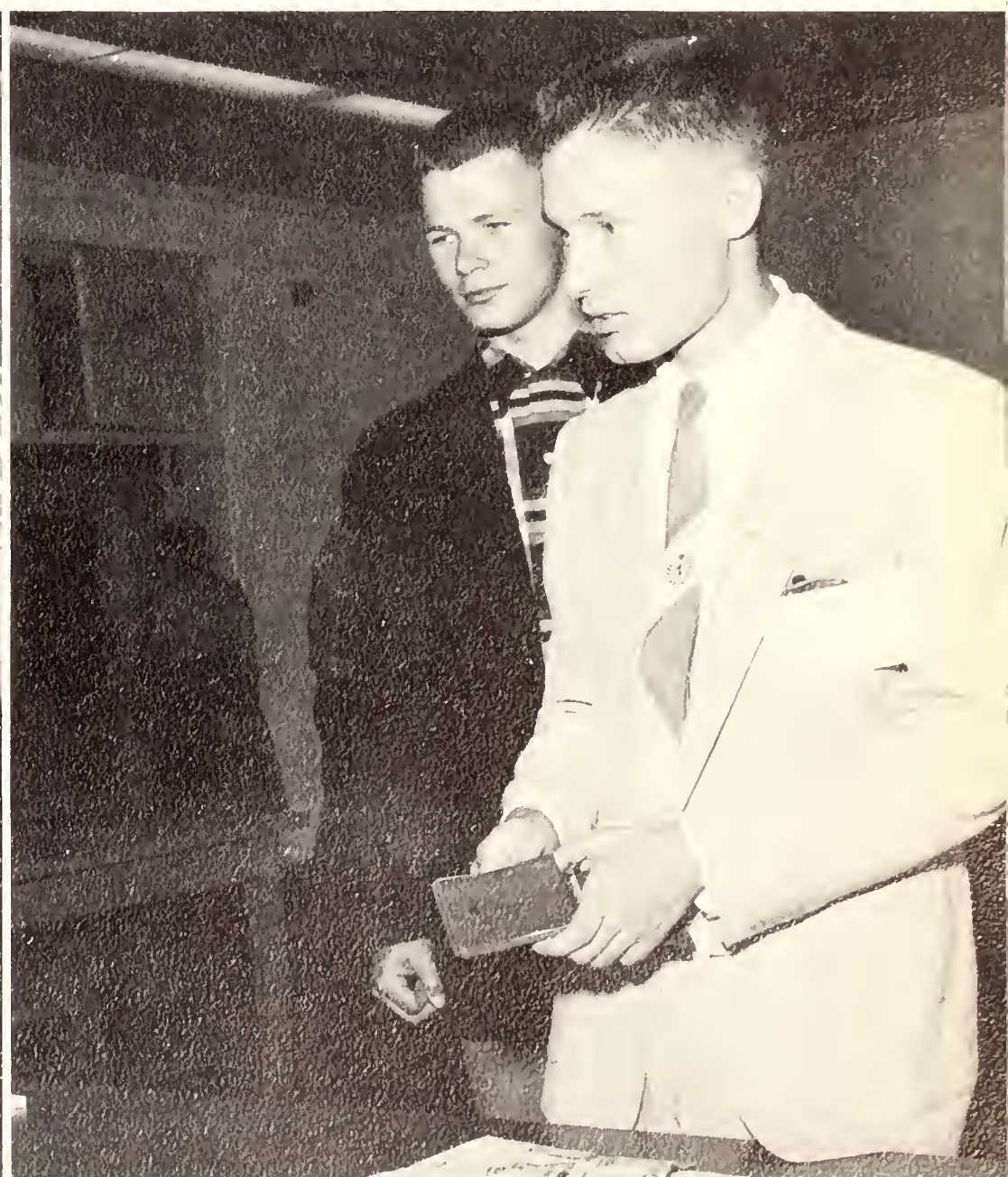


Buchner, G. E.

You mean you're gonna take my switchblade tool

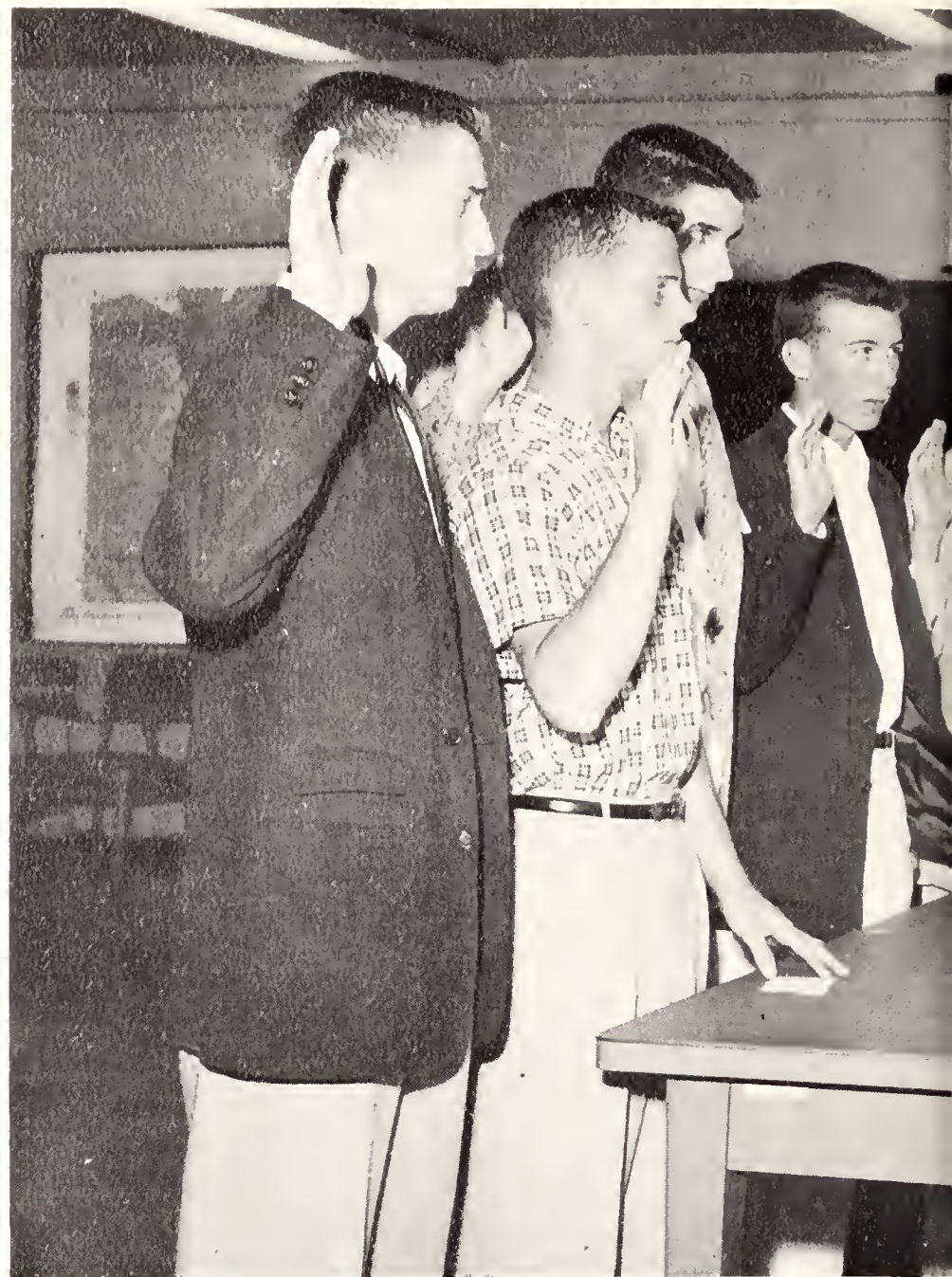


Man, this is highway robbery.





First case of USAFA writer's cramp.



Sworn at, sworn about,

106

Buckley, P. J.

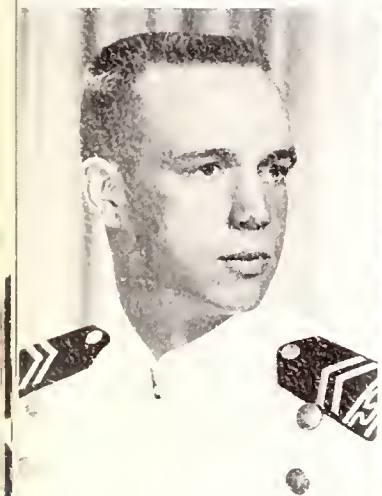
Bull, R. G.

Butler, G. L.

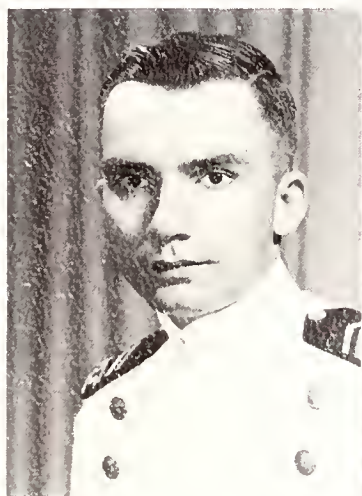
Cairns, D. B.

Campbell, H. N.

Carling, J. C.



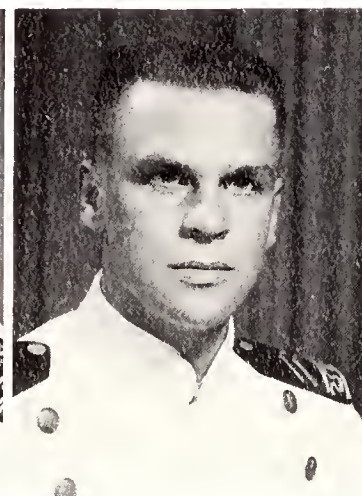
Cochrane, C. J.



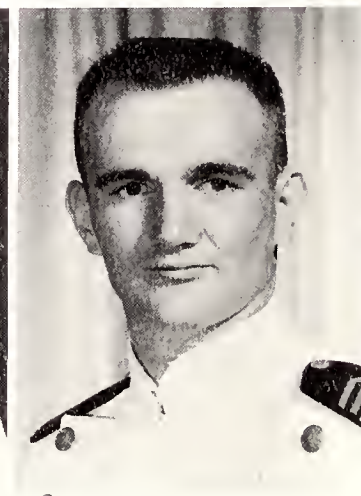
Combest, W. D.



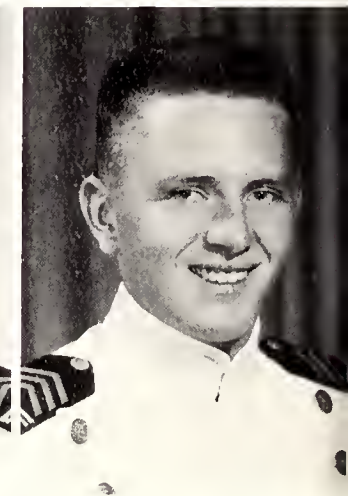
Conley, T. M.



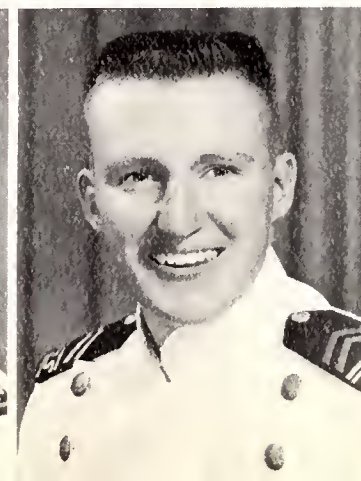
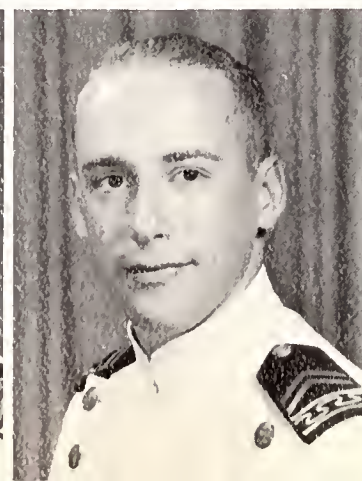
Conover, C. D.

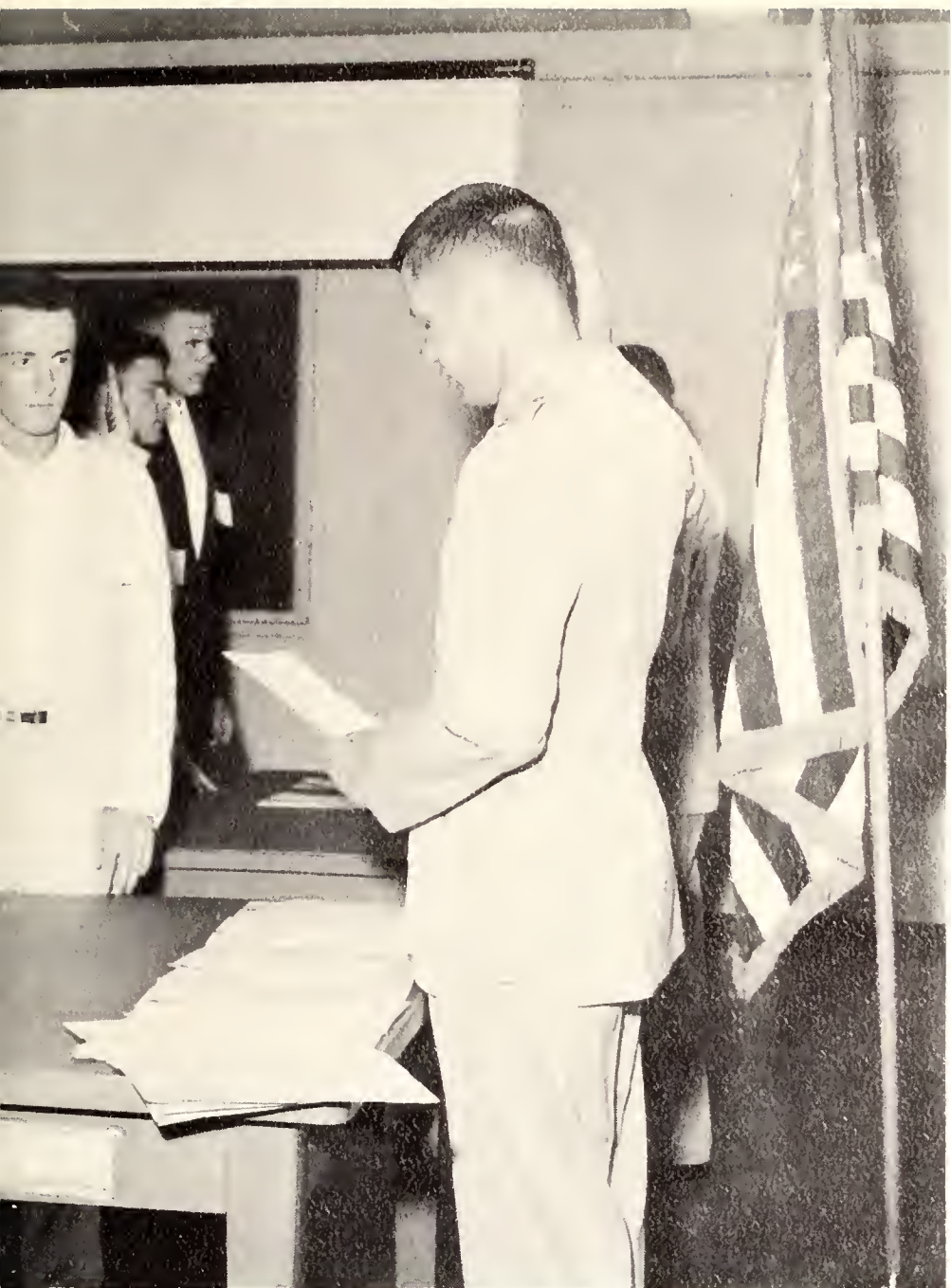


Cooper, R. M.

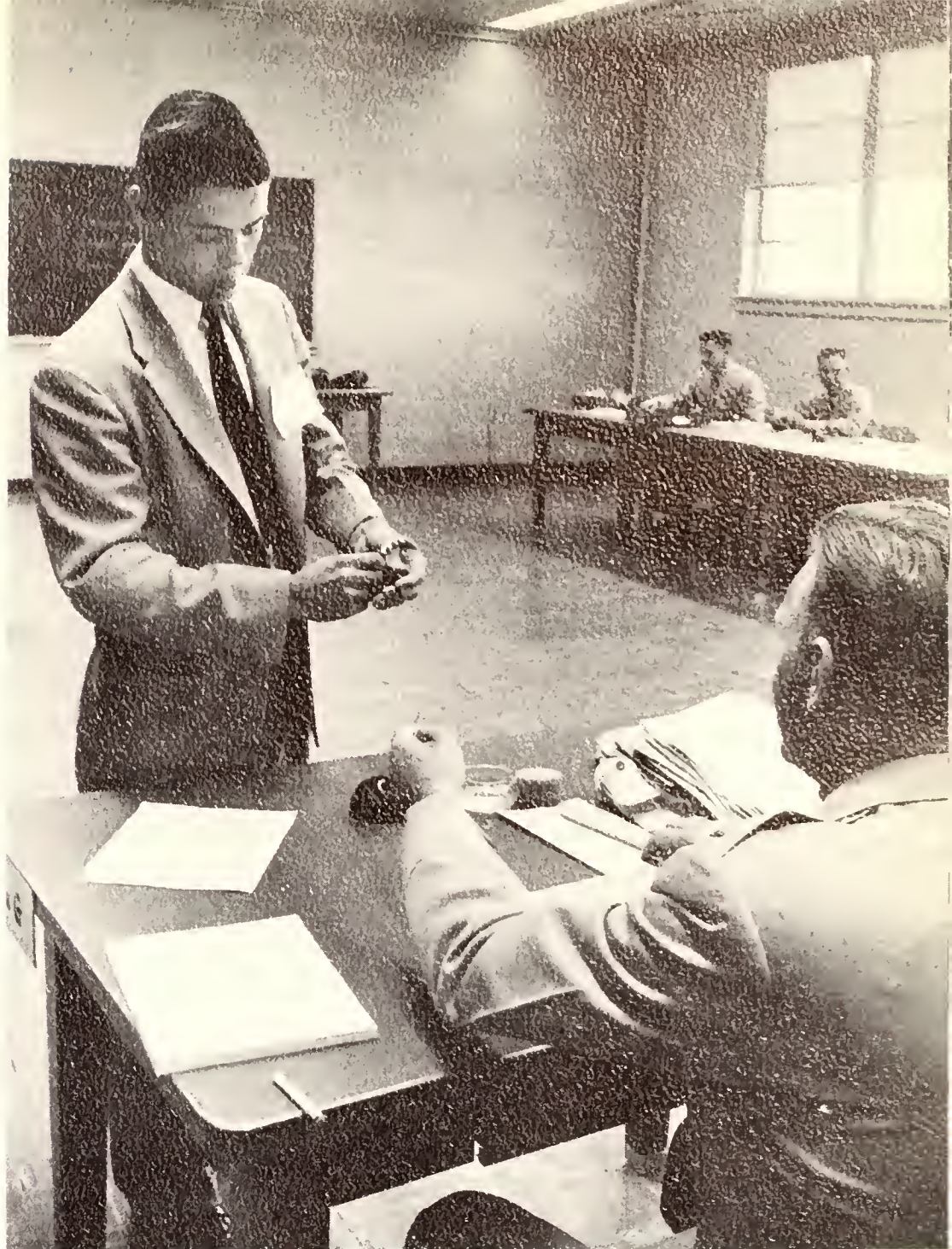


Coppock, R. M.





and finally sworn in.



How many years till I get it back?

Carlstrom, D. L.

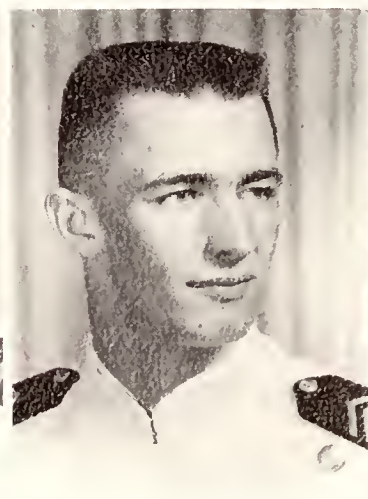
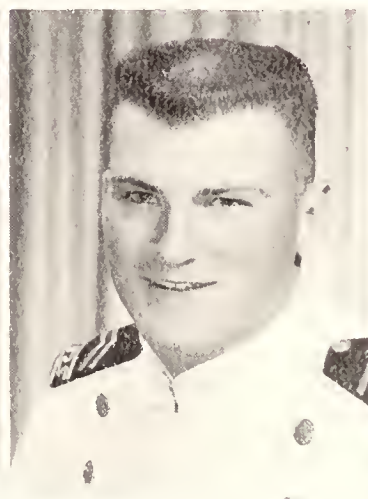
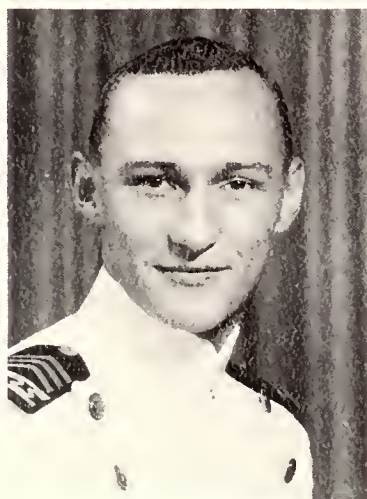
Carson, C. G. Jr.

Cash, R. W.

Cassidy, J. A. Jr.

Caughman, J. S. Jr.

Clarke, G. M.



Croll, C. W.

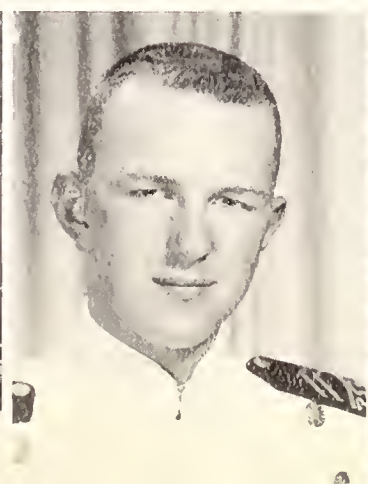
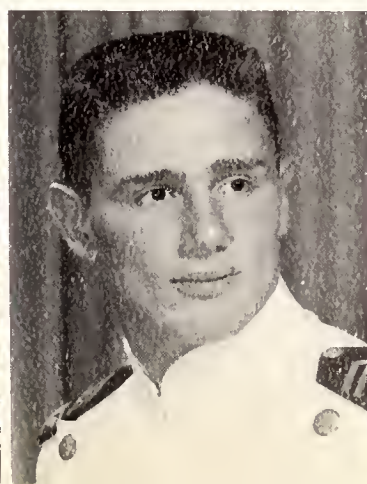
Cubero, R. A.

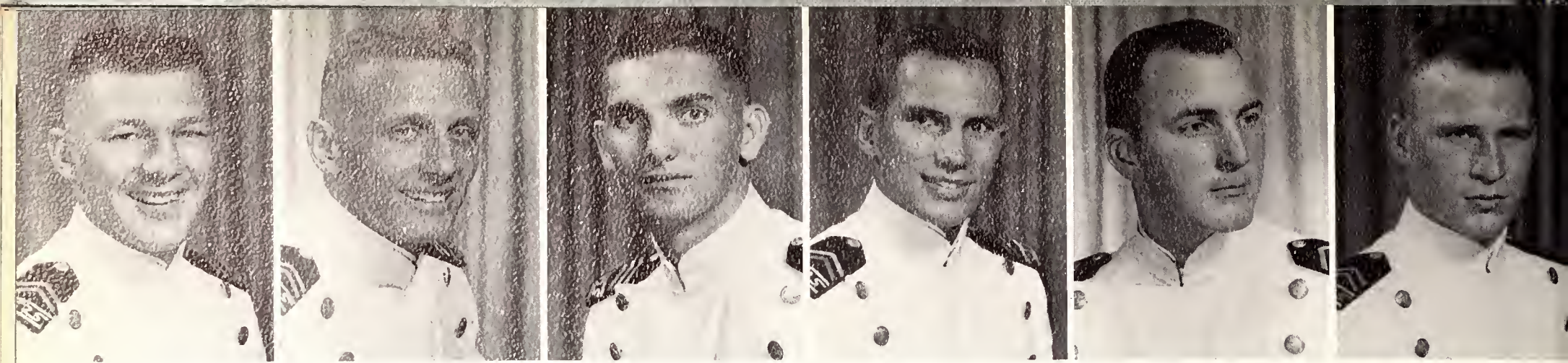
Danborn, D. R.

Daniel, L. E.

Darnauer, J. H.

Dates, J. A.





Davis, G. H.

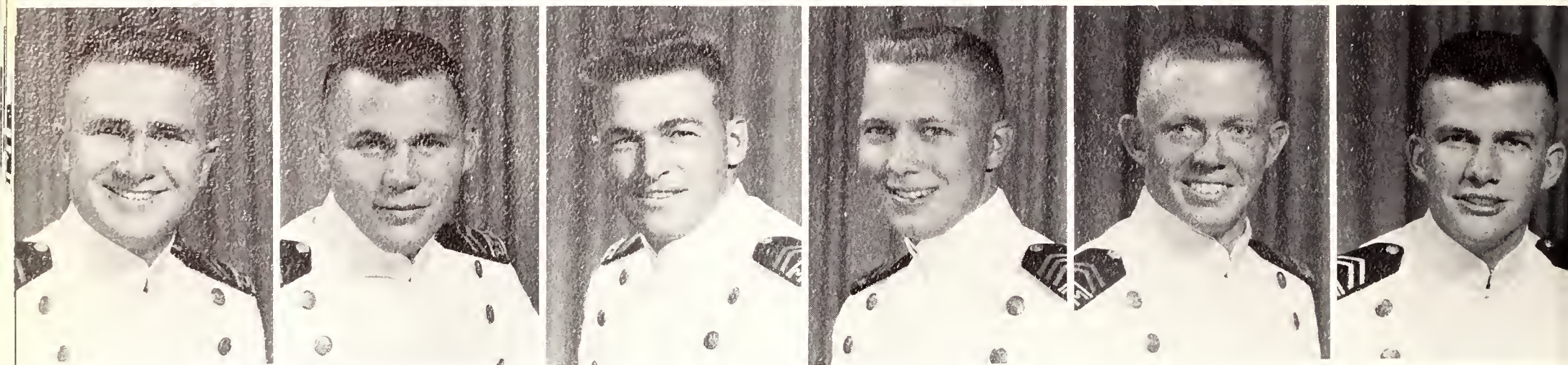
Davis, R. W.

Day, R. W.

Dean, C. R.

Dean, P. A.

Decker, B. E.



Dingle, R. J. Jr.

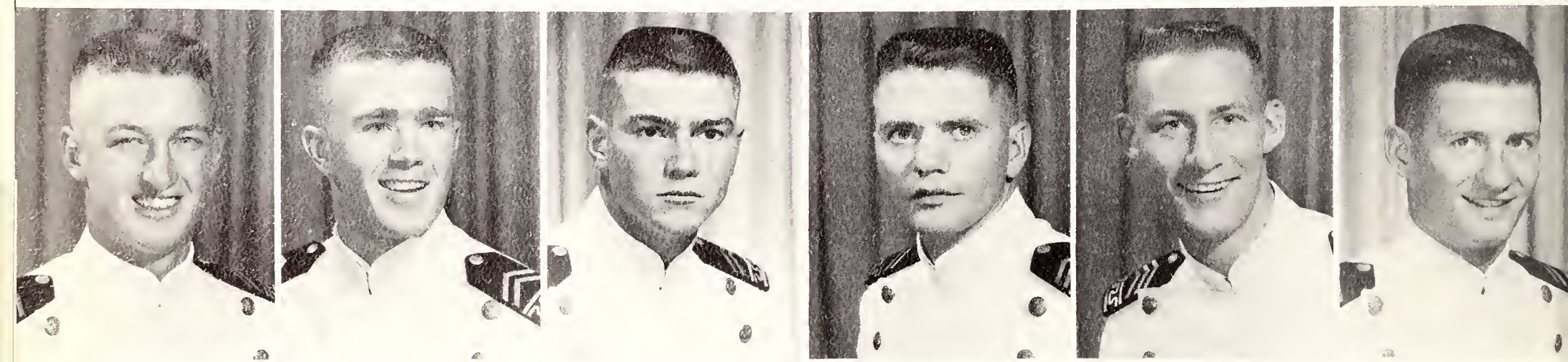
Dixon, C. B.

Dixon, L. C.

Eller, T. J.

Fairlamb, R. C.

Foley, P. F.



Fricks, M. E.

Fullerton, R. A.

Gibbons, W. M.

Gill, G. W.

Goddard, R. T.

Goodley, J. R.

That look should have warned us.





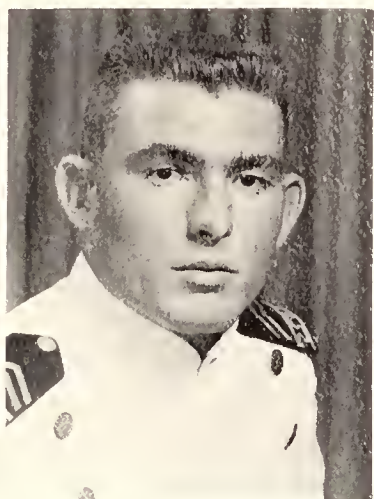
Dickson, J.



Dillon, D. D.



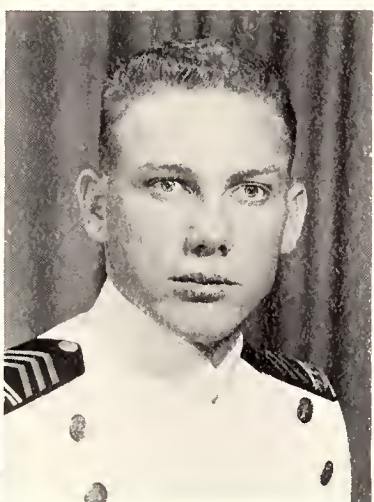
Foster, W. J.



Freeman, L. B.



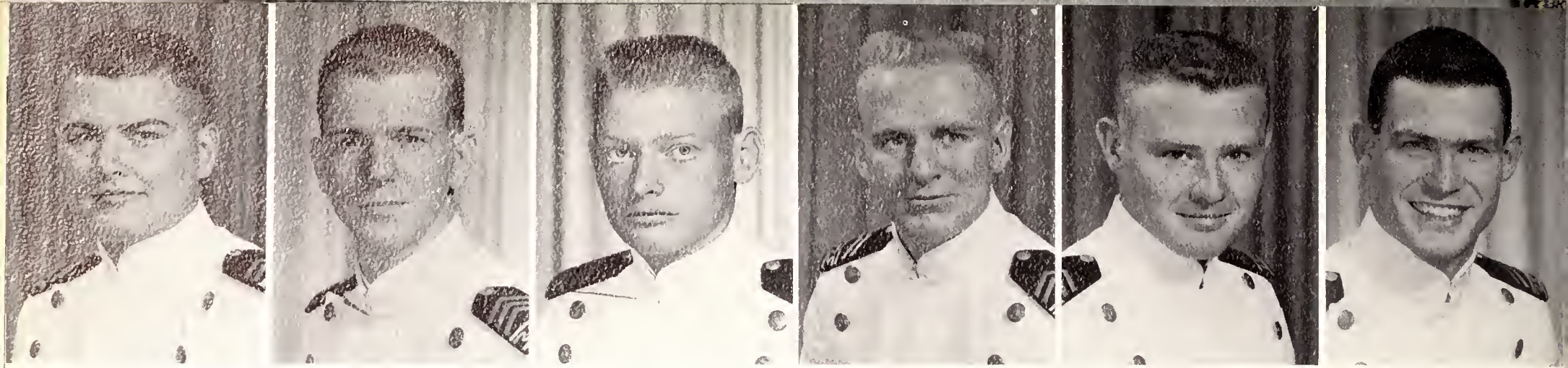
Grace, B. L.



Granberry, C. W.

All in all, 'twas a hectic day!





Grant, D. E.

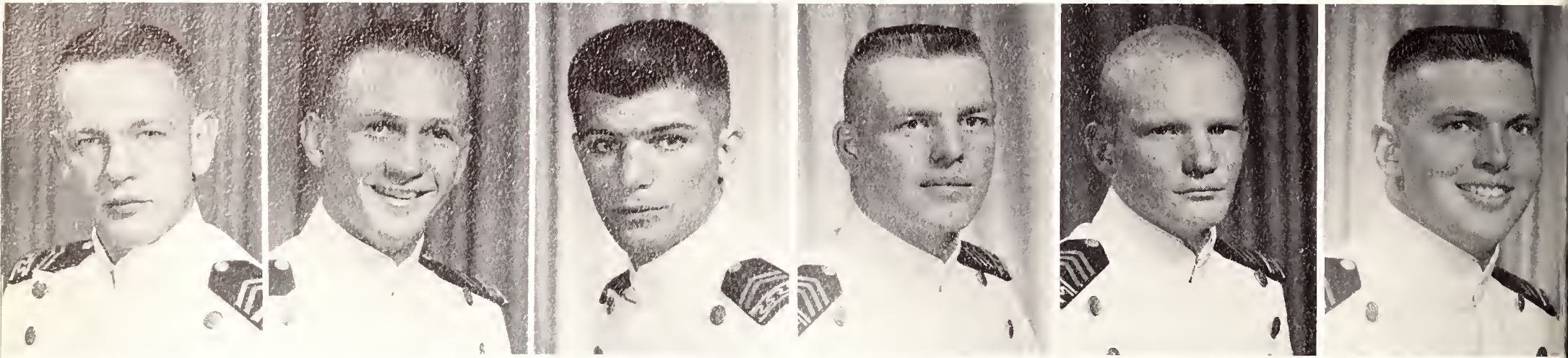
Griffis, W. E.

Guess, T. J.

Hablas, L. J. Jr.

Haines, D. W.

Hardage, S. A. Jr.



Harris, J. A.

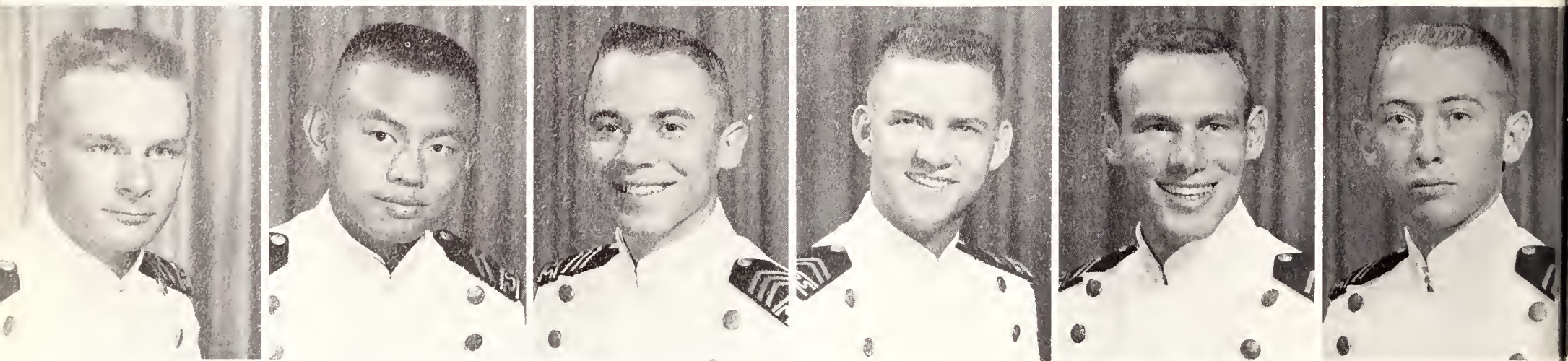
Haslouer, W. L.

Heriza, T. L.

Hill, H. S.

Hill, T. S.

Hinds, B. J.



Hmiel, D. G.

Ho, S. S.

Holcomb, R. G.

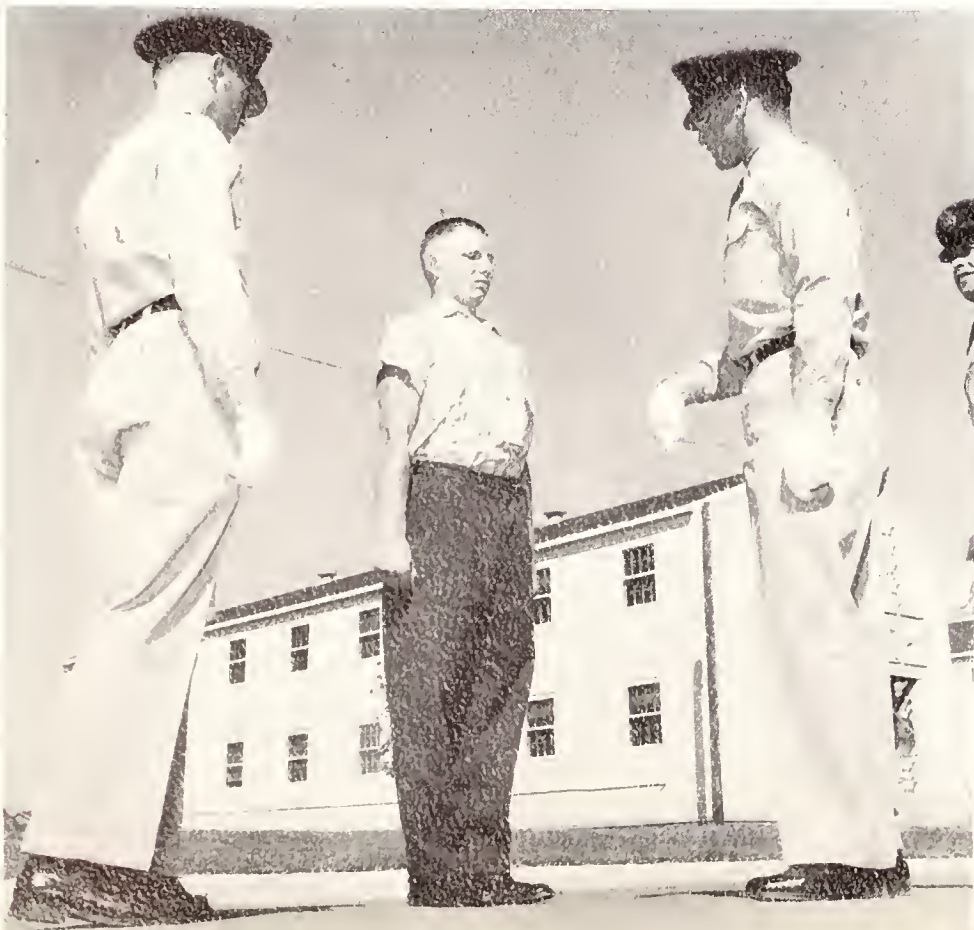
Hollie, L. L.

Holmes-Ray, P.

Hopp, E. G.

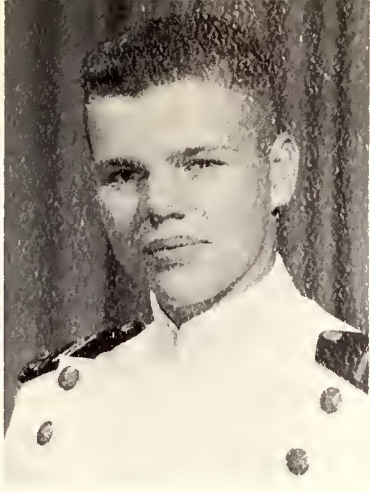
Young man, that's o foot.

They are used a lot around here.

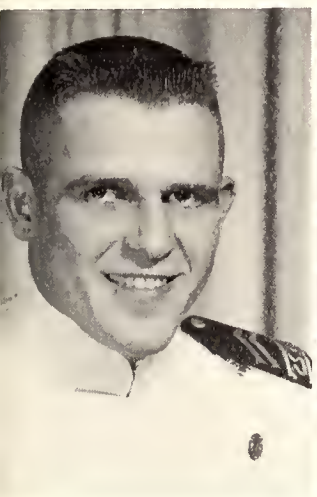




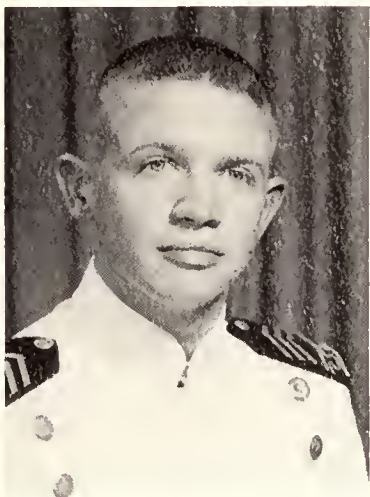
Haring, W. A.



Harper, E. C. Jr.



Hinkle, J. M.



Hinton, P. D.



Hourin, J. J.

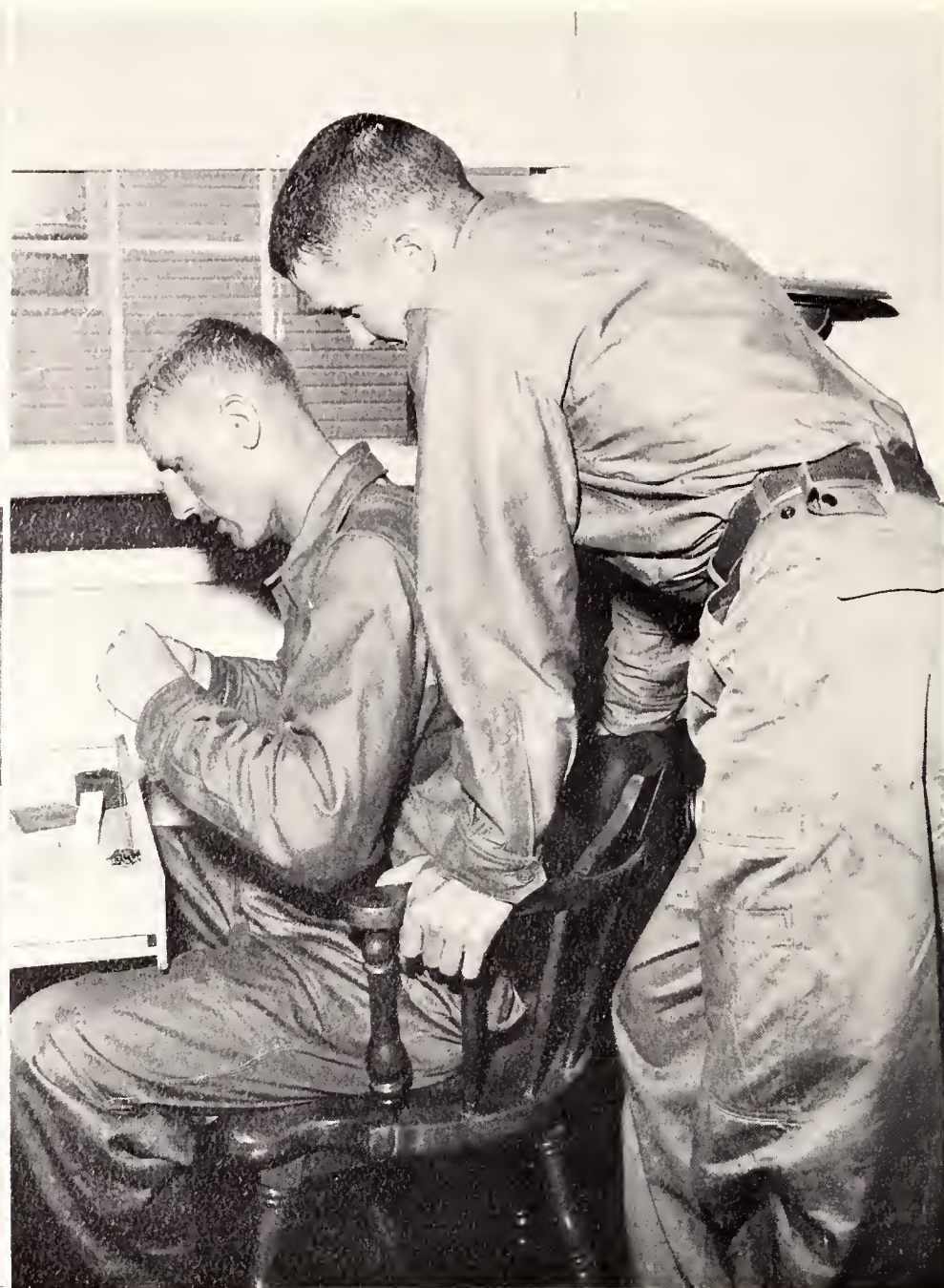


Howe, H. L.



And as the day wore on, we wore out.





We formed many new friendships as we met new faces. . .

Howell, R. L.

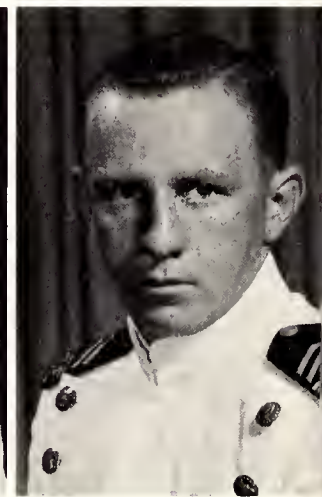
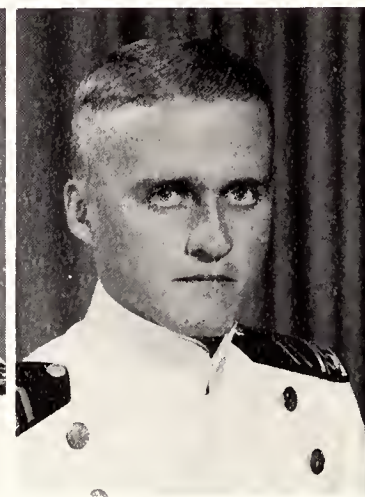
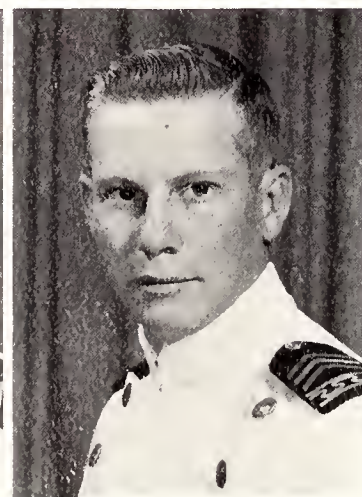
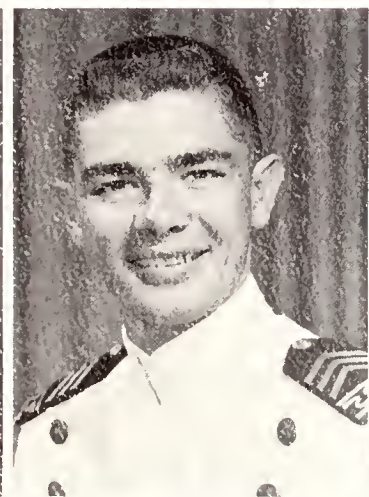
Hull, M. H.

Jardine, J. R.

Johansen, A. E.

Johnson, K. R.

Johnson, L. C.



Jorris, T. R.

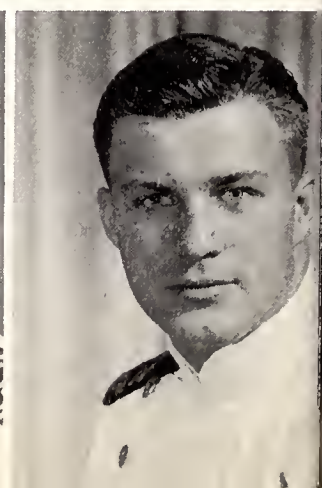
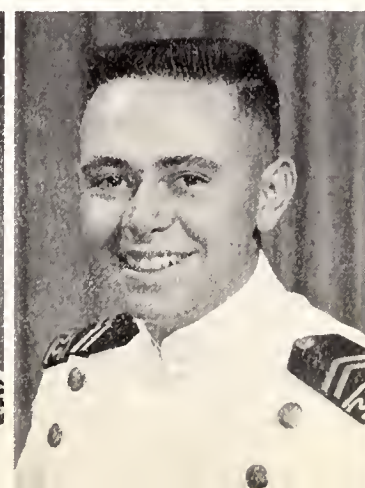
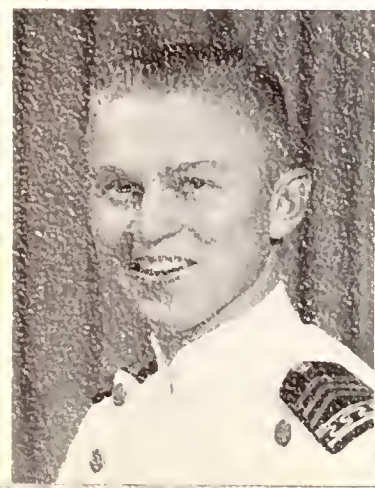
Karnowski, L. J.

Kellerman, K. F.

Kellock, R. E.

Kerr, A. D.

Kiszely, F. W.





In discussion panels. . .

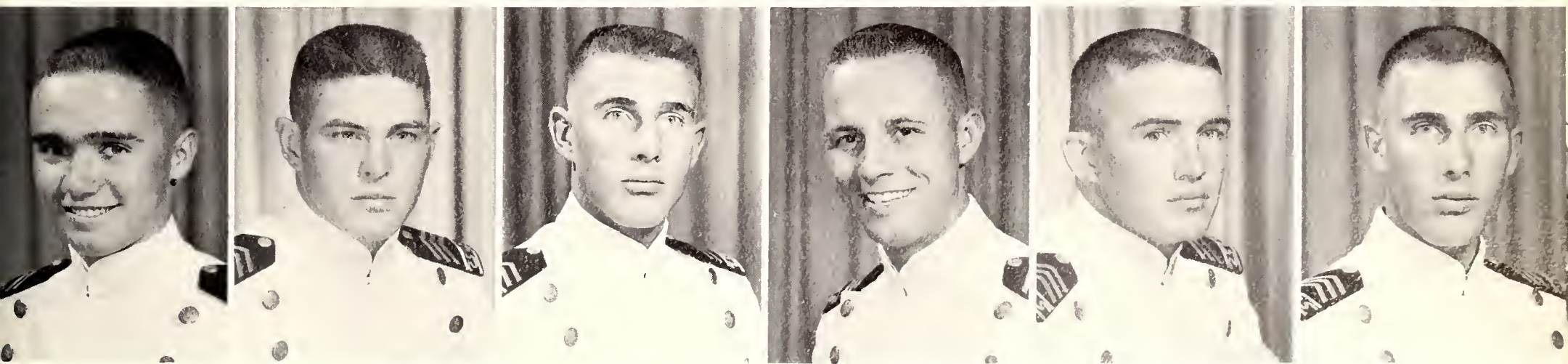


In private tete-a-tetes. . .

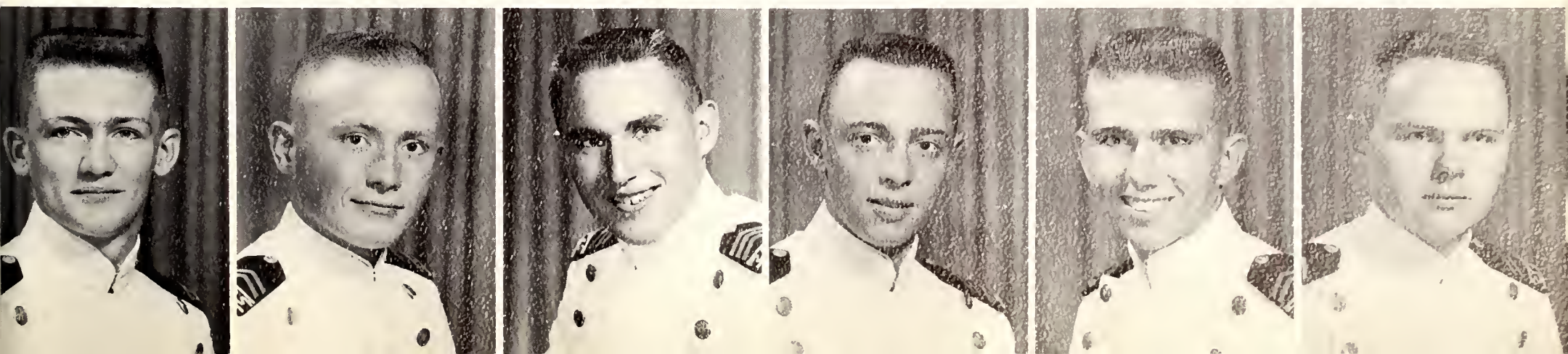


In soul-searching meditation.

Johnson, T. K. Jr. Jones, B. C. Jones, D. H. Jones, L. W. Jones, R. E. Jones, W. H.

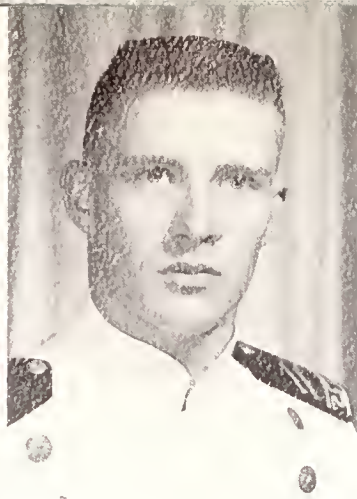


Koerner, D. K. Kohout, J. J. Komarnitsky, O. R. Koonce, T. T. Kyle, J. B. Lane, P. B.





Lane, P. R.



LaPlante, T. A.



Lefton, J. D.



Likens, R. G.



Lockhart, H. J. Jr.



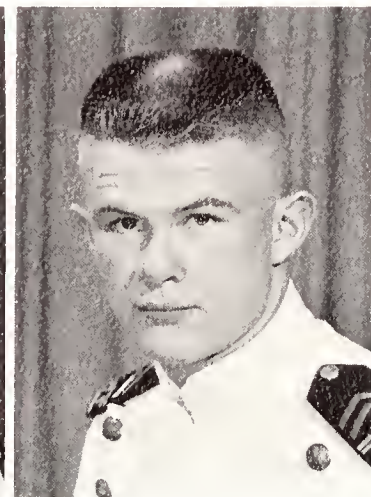
MacAulay, K. W.



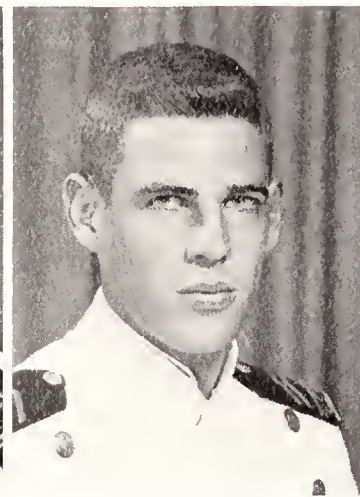
McCleskey, J. L.



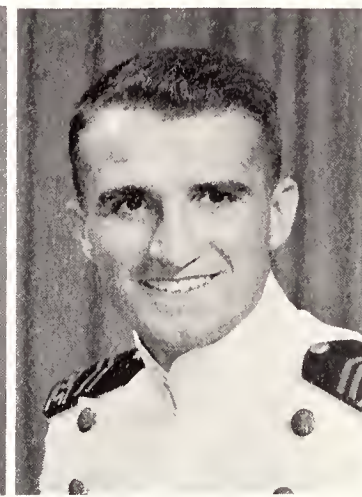
McCollum, V. O.



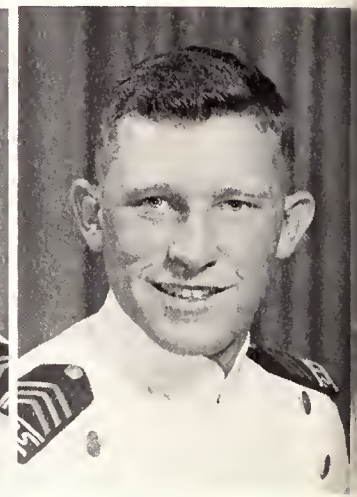
McCrary, E. G.



McCue, W. R.



McDonough, J. L.



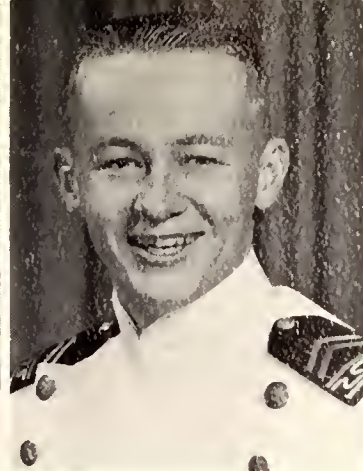
McMonigal, R. C.

Remember how we rehearsed for the big end-of-summer compout?





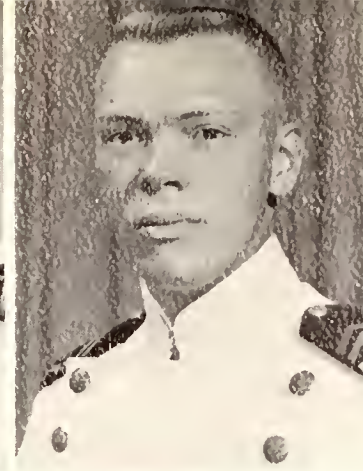
Mandel, J. B.



Mason, F. J.



Maxwell, V. P.



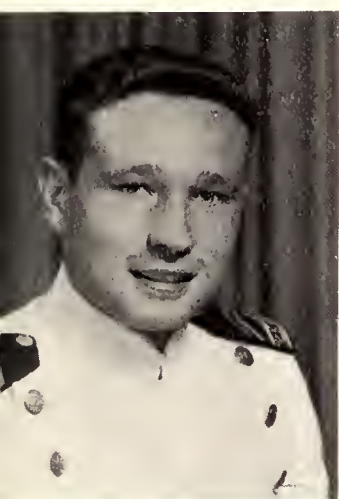
May, J. T.



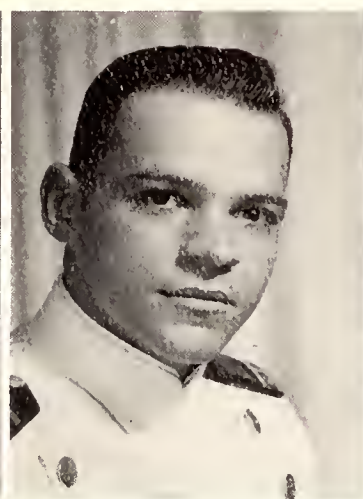
Mayo, J. R.



McCarter, D. E.



McNutly, G. C.



Miller, R. E.



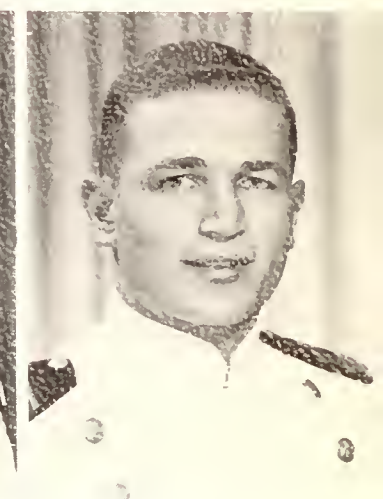
Milnes, R. C.



Mize, J. T.



Mizell, E. C.



Moorberg, M. L.

One thing about it, we were well equipped—and well led.





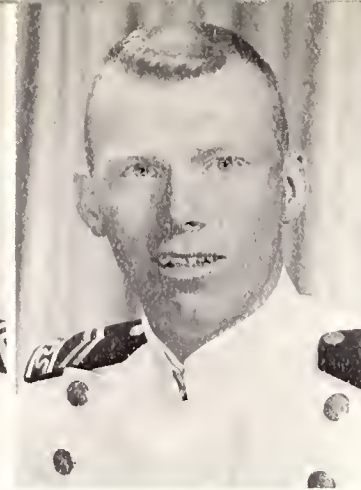
Moore, J. L.



Moores, C. R.



Morgan, B. H.



Moulton, W. T.



Mulvey, T. A.



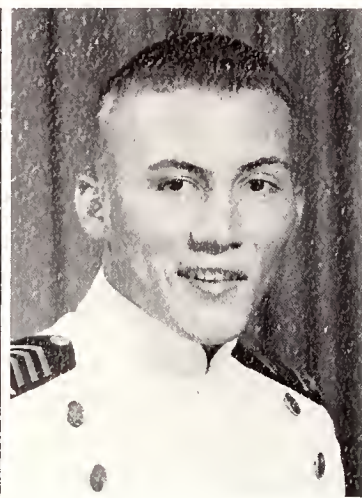
Neel, C. B.



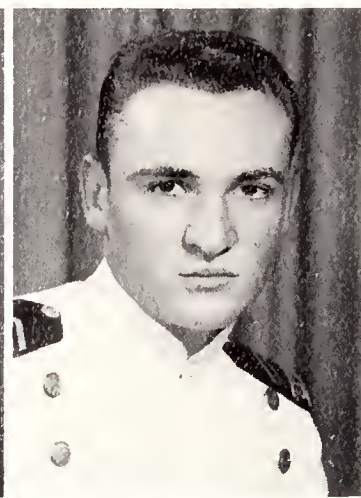
Pattie, T. N.



Paye, D. D.



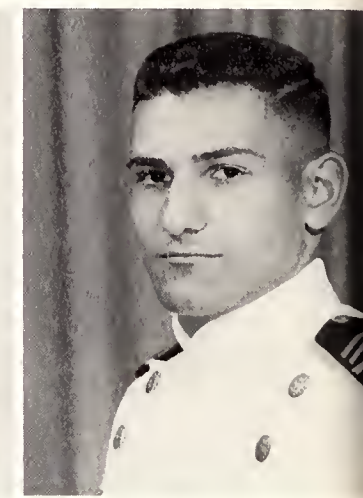
Payne, J. G.



Penniston, L. N.



Poole, J. C. Jr.



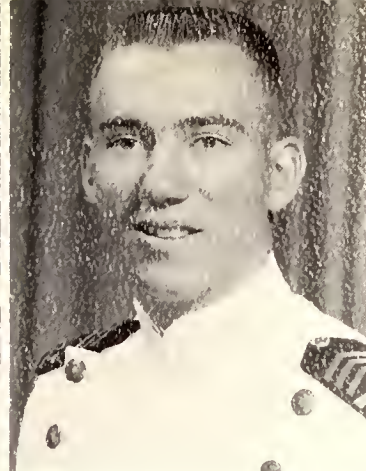
Quantz, O. L.

They gotta Air Force form for everything around here.



This secret weapon keeps the coffee pots full.





Negroni, H. A.

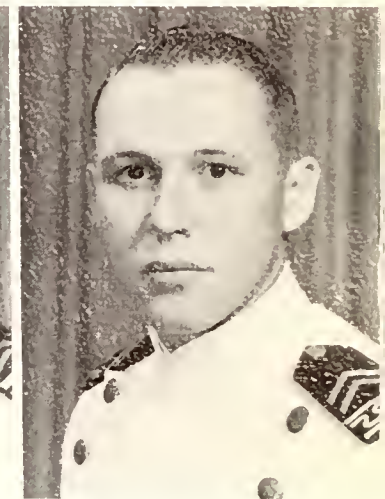
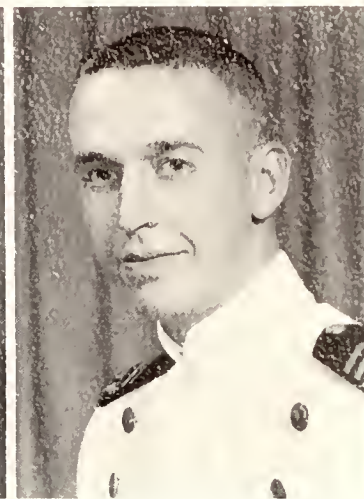
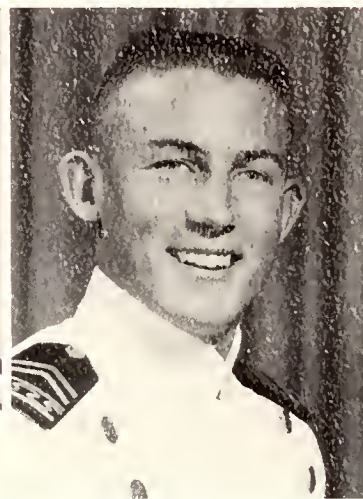
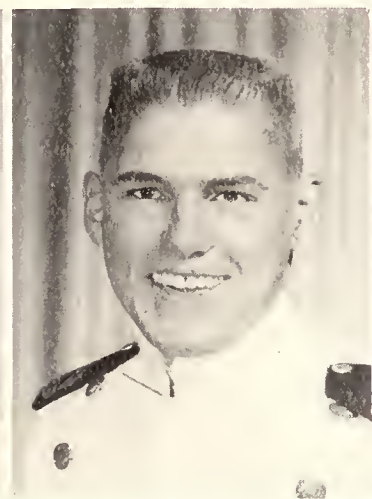
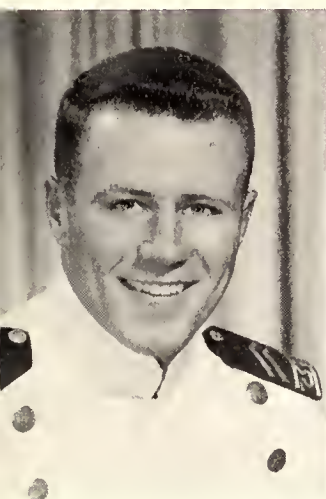
Nolde, G. T.

Norris, T. D.

O'Connor, P. B.

O'Rear, E. N.

Owens, T. P. Jr.



Quinlan, M. J.

Rawlins, M. E.

Ray, D. M.

Renoud, C. R. G.

Reisman, L. F. Jr.

Roberts, D. K.

Looking ahead, they even prepared us for those June Week weddings.

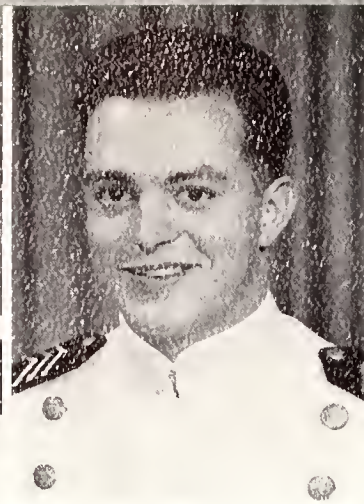




Rogers, J. W.



Roundtree, N. T.



Sanders, T. A.



Sanzenbacher, F. W.



Saunders, E. F.



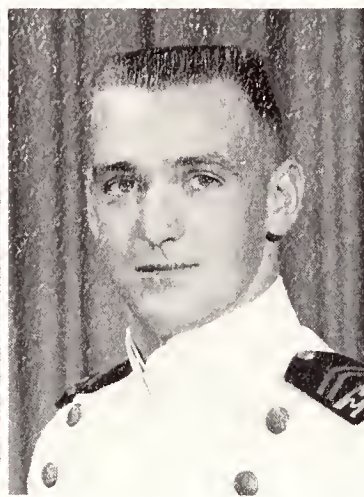
Schaffner, R. A.



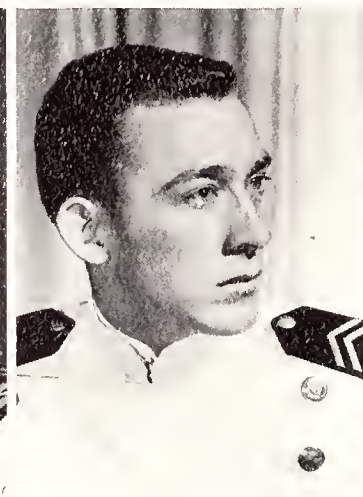
Schutt, T. E.



Scott, H. L.



Scott, V. D.



Shewmaker, L. A.



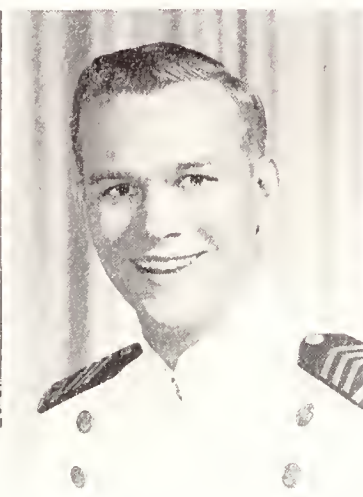
Shulmister, M. R.



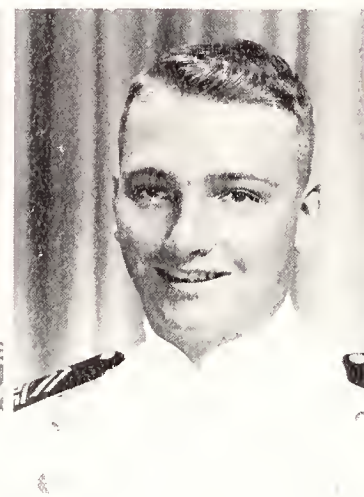
Skilling, T. G.



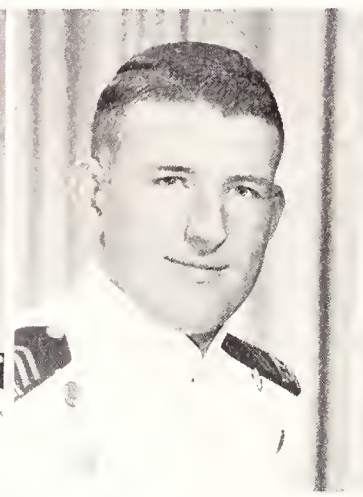
Smith, R. E.



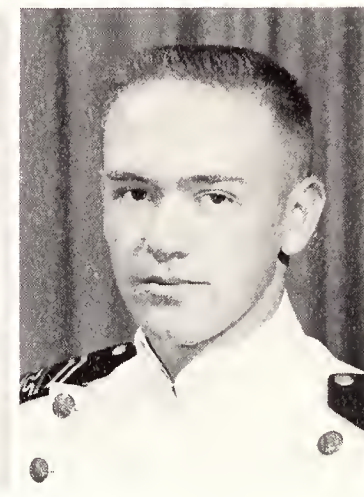
Stackhouse, J. E.



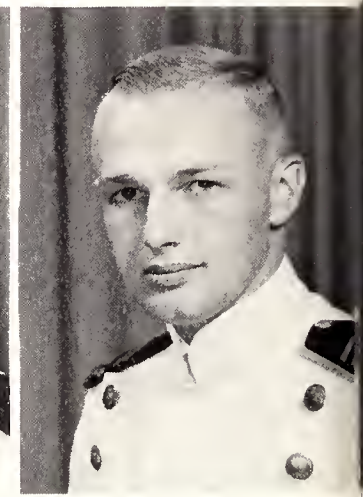
Stackhouse, W. K.



Staten, K. E.



Stebbins, C. F.



Stephen, P. R.

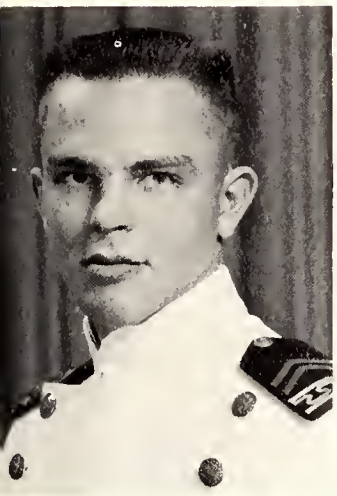




Schneider, L. G.



Smith, R. D.



Storm, T. L.



It became a serious business as we examined the tools of the trade.





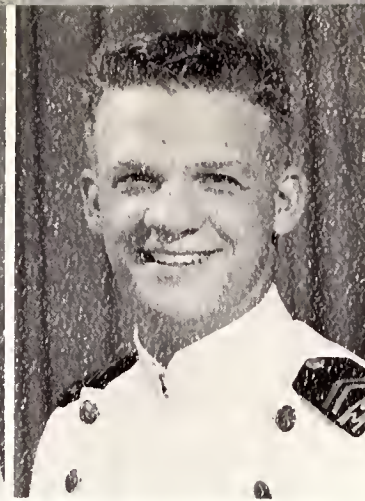
Stover, J. M.



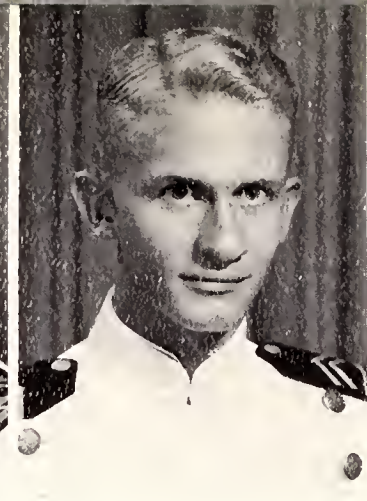
Stringer, R. F.



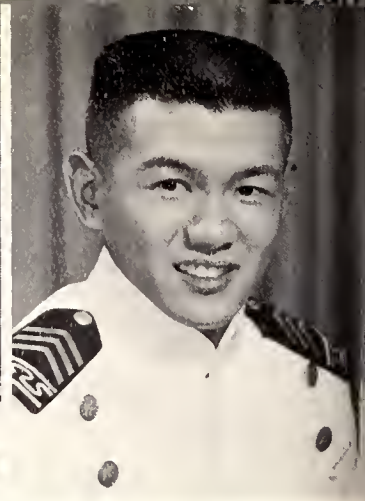
Sullivan, J. D. Jr.



Sutton, T. L.



Tabor, D. C.



Takahashi, T. K.



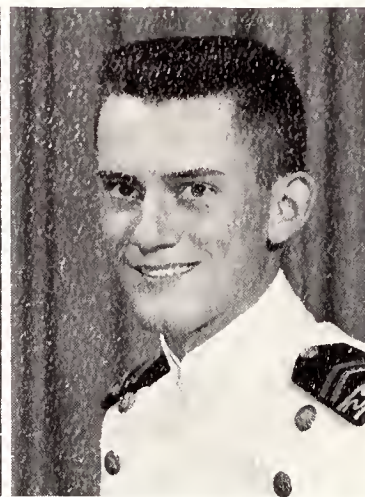
Trogott, P. H.



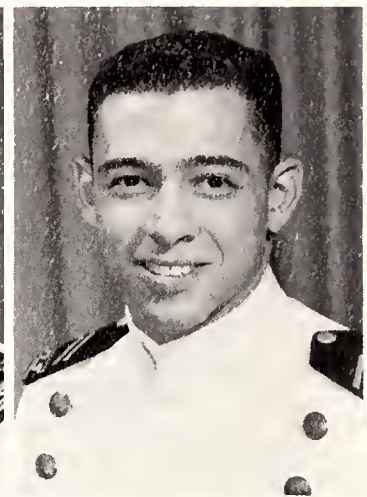
Tulis, J. F. Jr.



Ulm, J. P.



Utendorf, A. E.



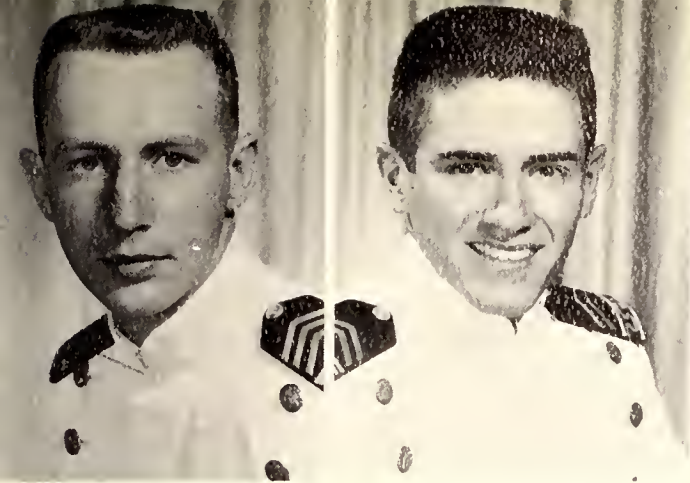
Vacirca, L. P.



Van Sant, B.

After camping in the wilderness, it was a relief to return to the sedentary life.

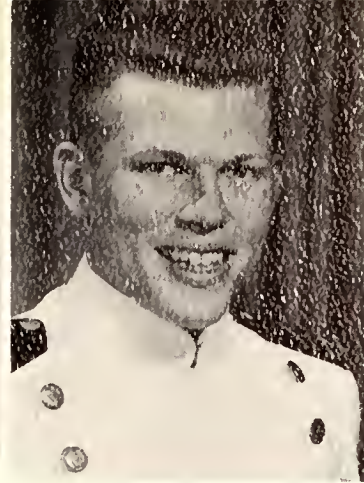




Taylor, J. C.



Theiler, G. A.



Theurer, B. W.



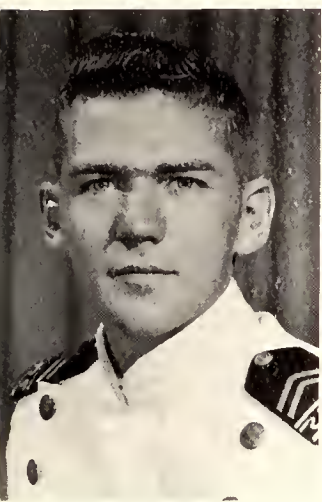
Thomas, C. G. Jr.



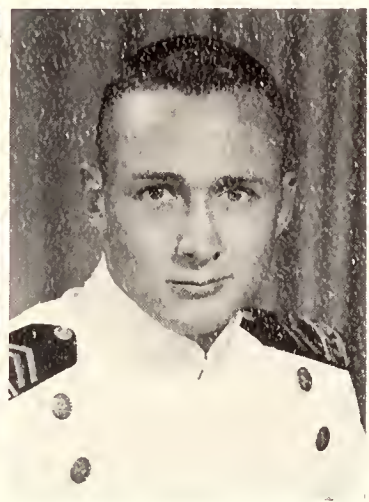
Thompson, A. S.



Travis, B. M.



Vettergren, E. H.



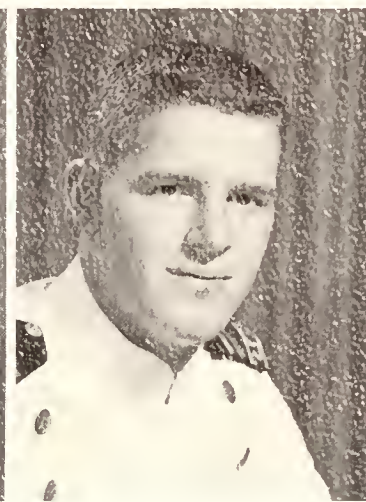
Viquesney, J. L.



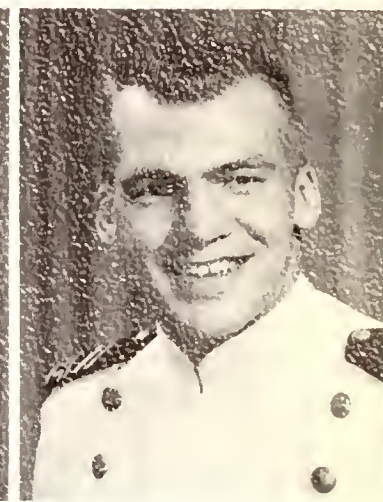
Wade, W. D.



Wagner, R. R.



Wagner, R. K.



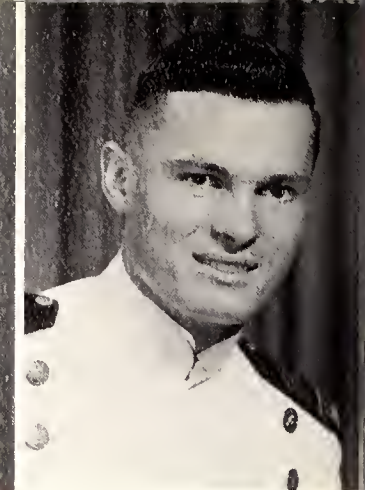
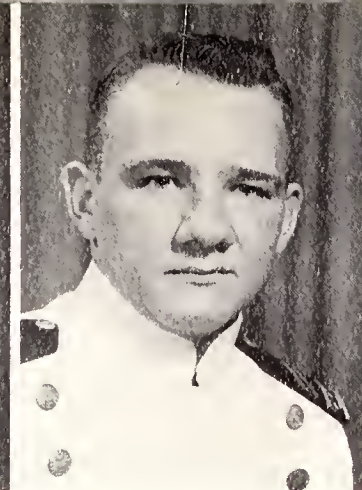
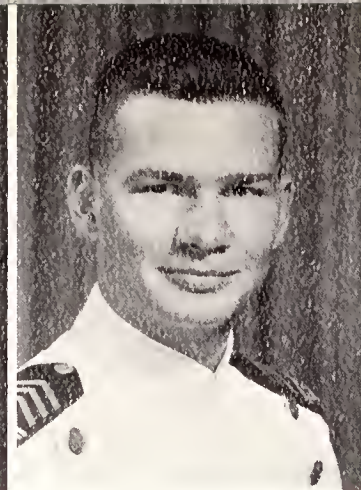
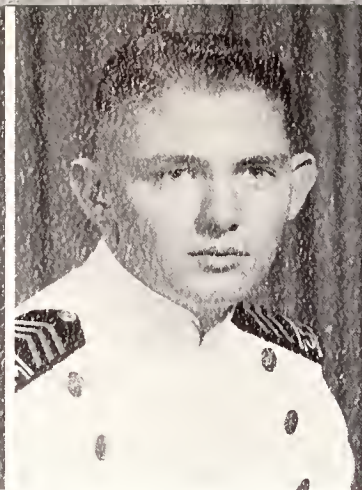
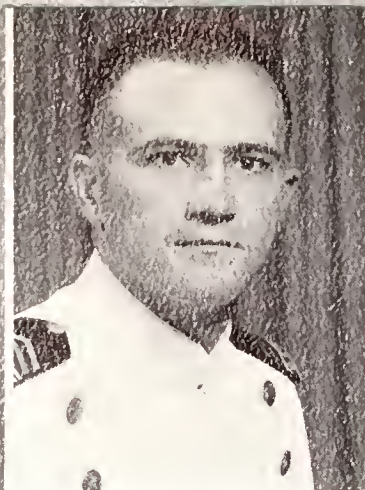
Walker, R. E.

With heads held high...



We managed to hang on.





Warren, J. R.

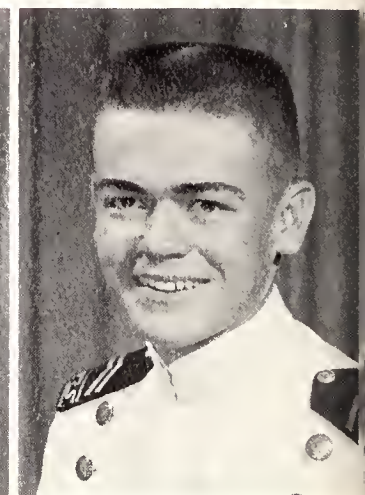
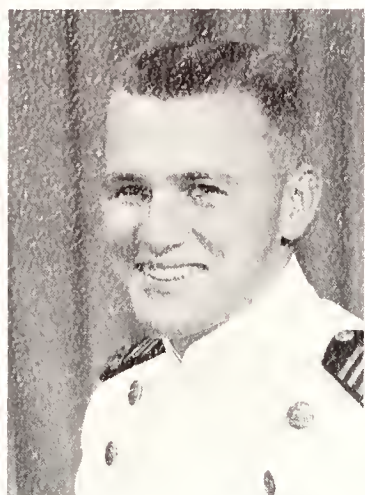
Weaver, J. C. Jr.

Weeden, R. J.

Westbrook, C. O.

Whalen, W. W.

Whitaker, K. J.



Wild, J. H.

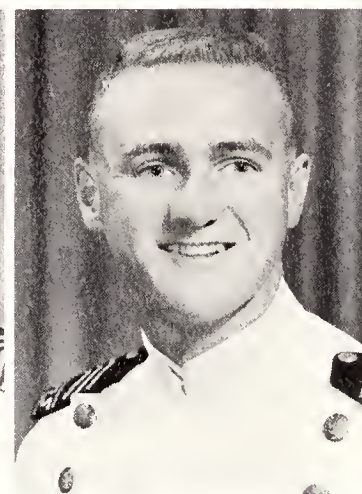
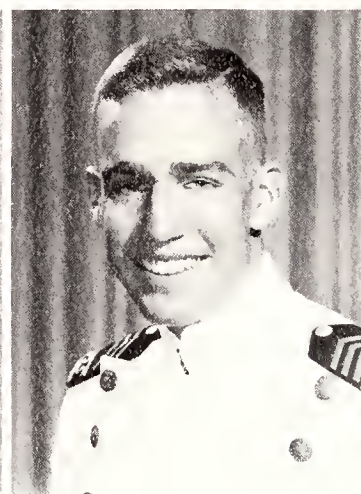
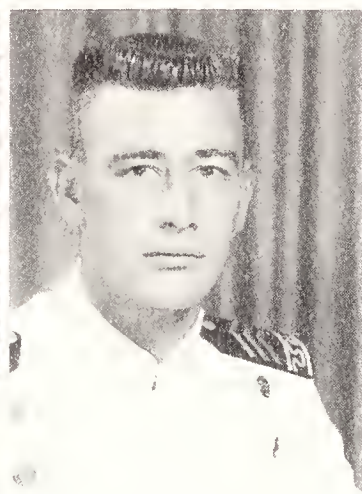
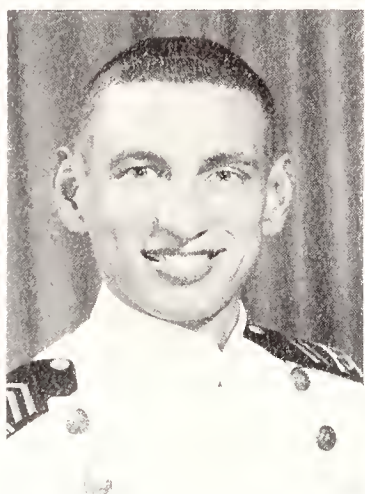
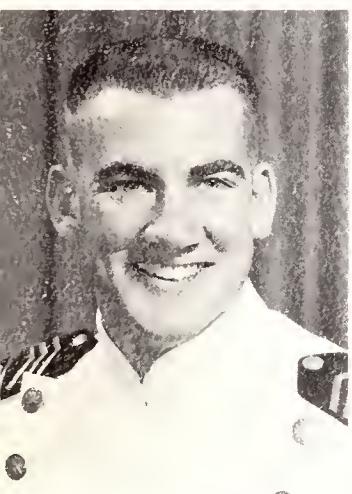
Wilhelm, J. E.

Williams, L. B. Jr.

Williams, T. W.

Williams, W. T.

Willis, B. G. Jr.



Wilson, T. W.

Woelfel, R. T.

Wohrman, F. R.

Wolcott, J. J.

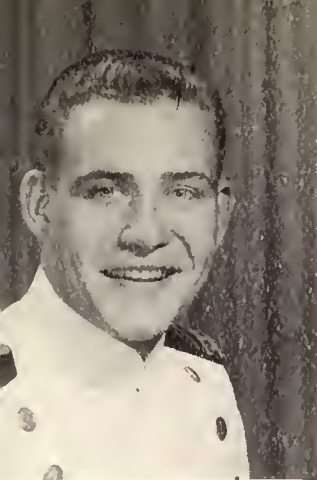
Woodbury, R. C.

Woods, P. H.

Come on 'Jawge' show me some chins!

But 'twas their last bitter fling.

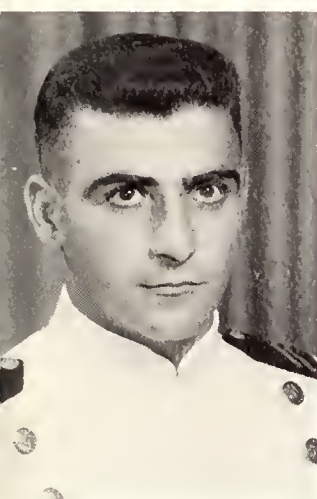




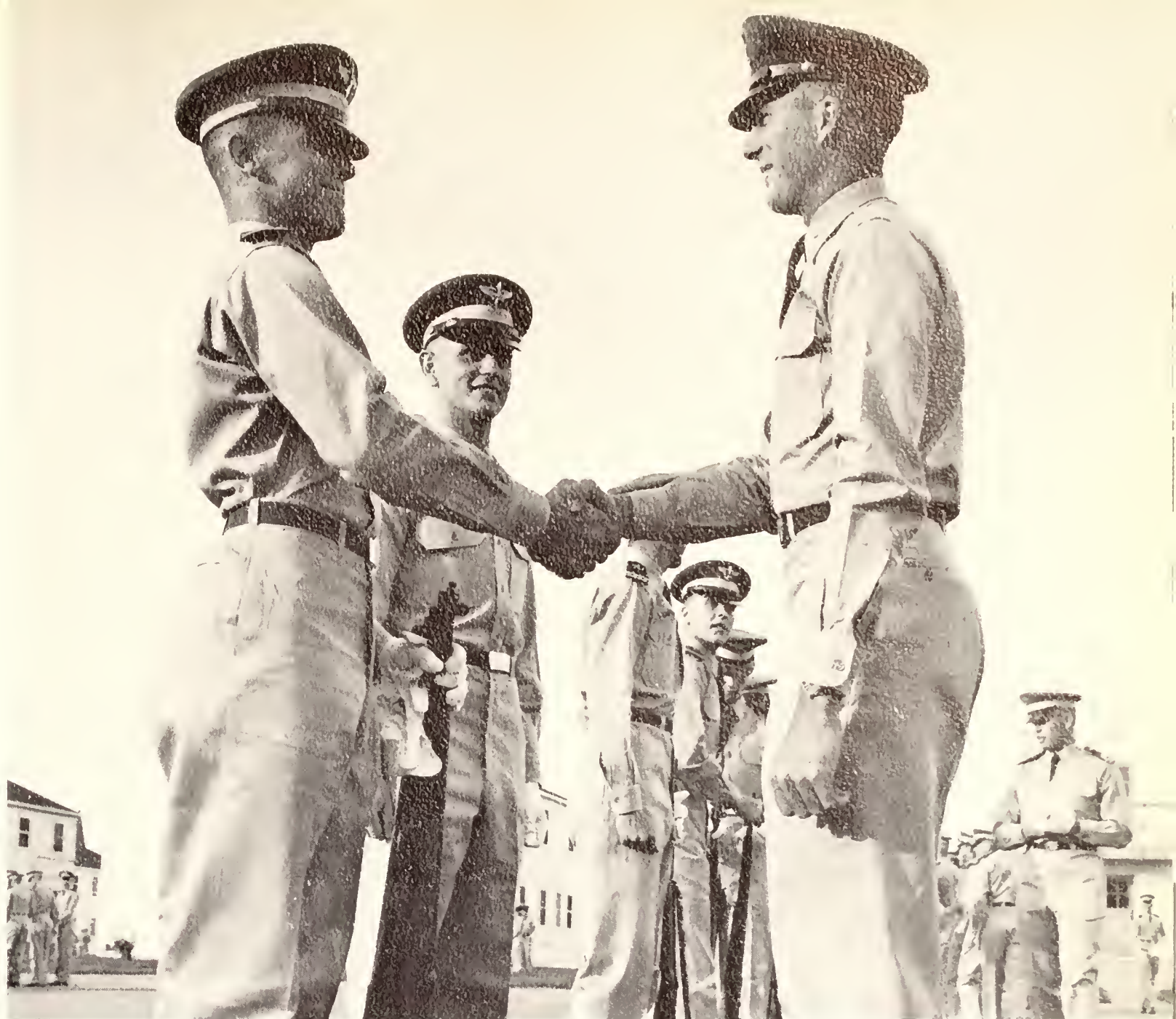
White, R. P.



Willis, F. E.



Zompa, E. A.



Recognition—a handshake, a shiny pair of wings—even the ATO's were smiling.



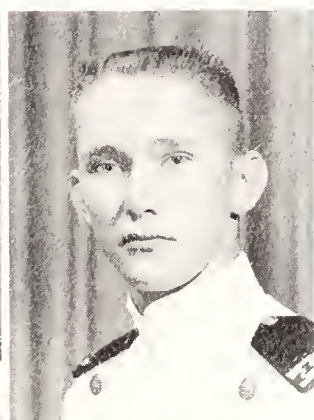
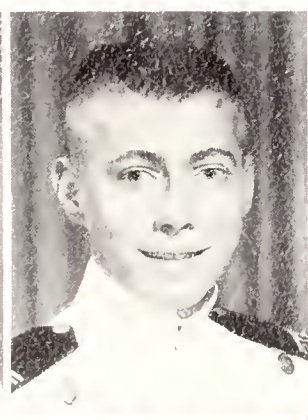
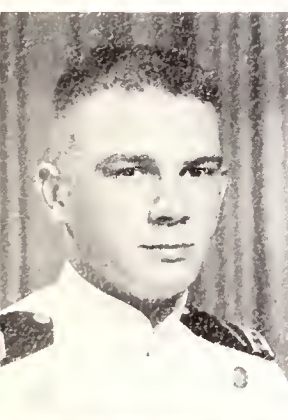




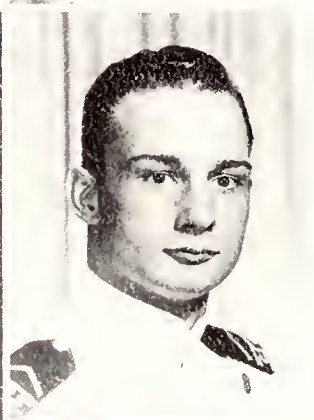
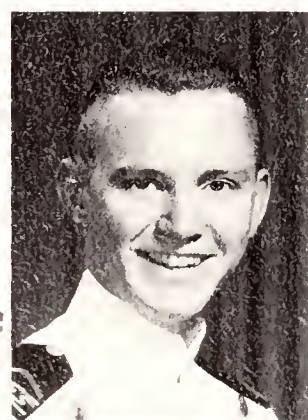
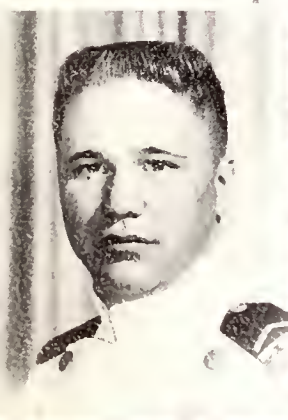
Class of 1962



As the upperclassmen took off — another group started the long grind.



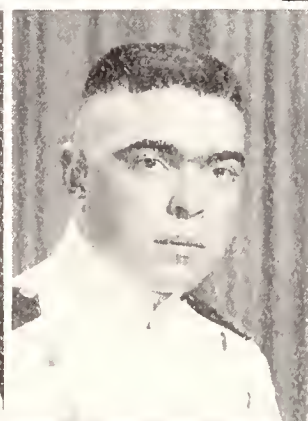
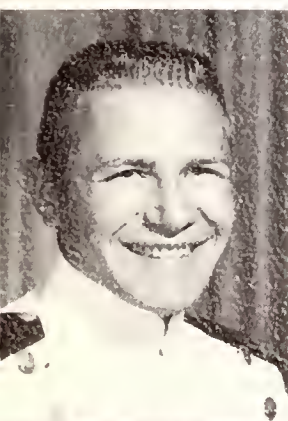
Abshire, D. L.
Adams, M. L.
Adams, W. M.



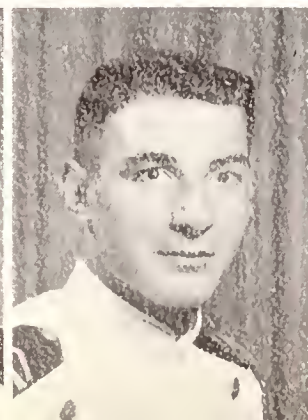
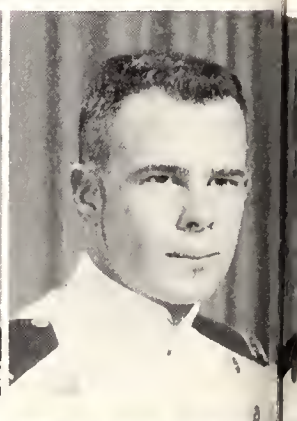
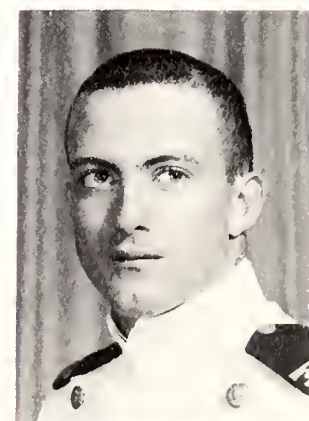
Ahmann, G. L.
Alexander, R. M.
Allport, C. W.

Baker, S. J.
Baucom, D. R.

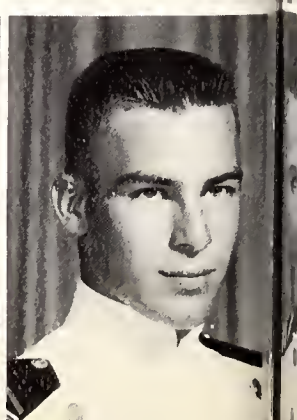
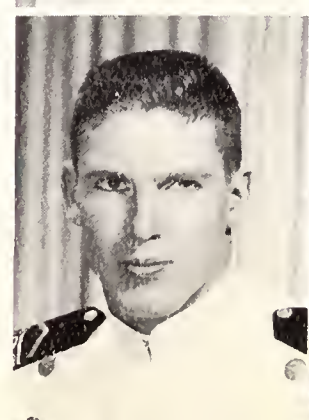
Banford, A. J.
Baughman, G. L.



Altman, H.
Anderson, J. L.
Anderson, R. F.



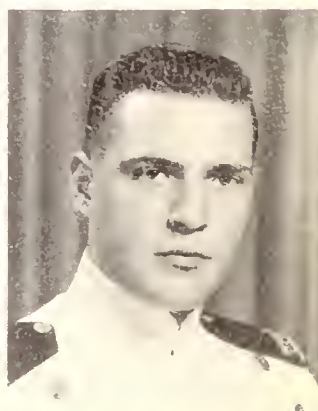
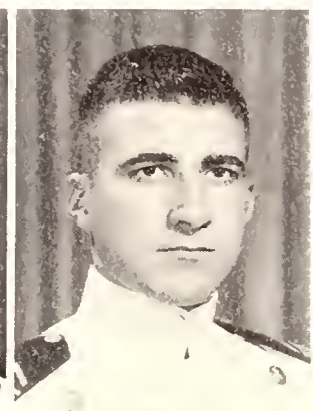
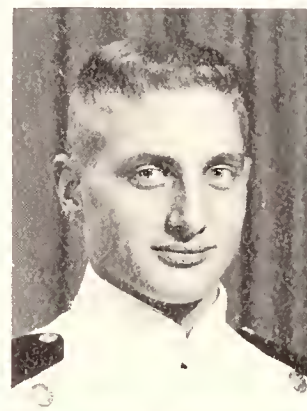
Annis, J. R.
Babin, L. H., Jr.
Backman, V. E.



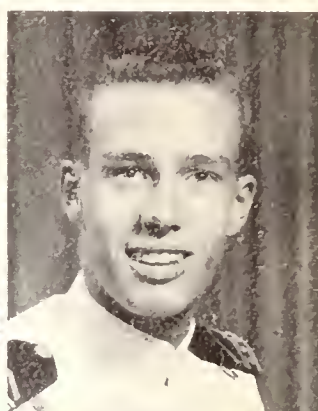
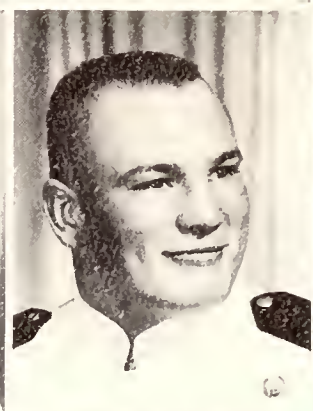
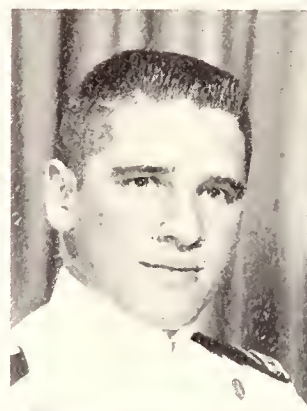


This was the class of '61, scurrying frantically here and there.

Biegalski, C. S.
Bifolchi, G. J.
Billington, G. F.

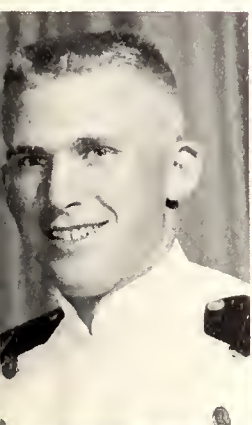


Blaisdell, M. P.
Bobko, P. B.
Bockelman, D. C.

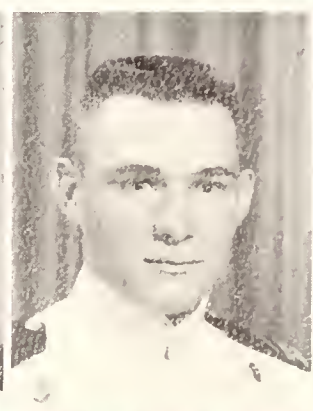


Banks, F. M.
Baxter, R. H.

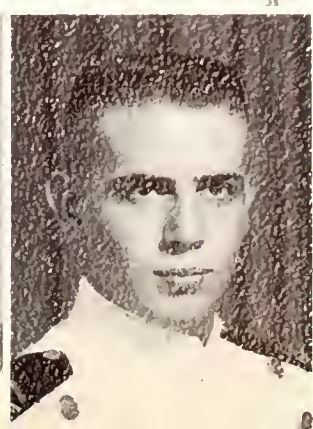
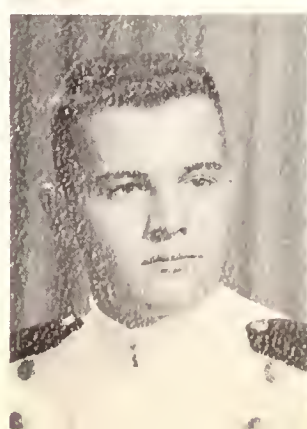
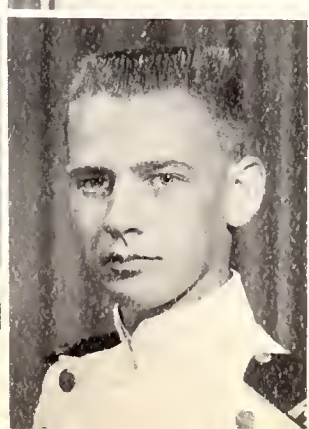
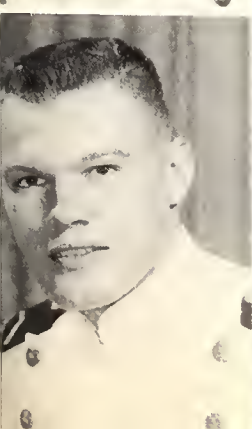
Bartley, R. W.
Beck, B. T.



Bolster, C. H.
Bow, R. N., Jr.
Bradstreet, F. P.

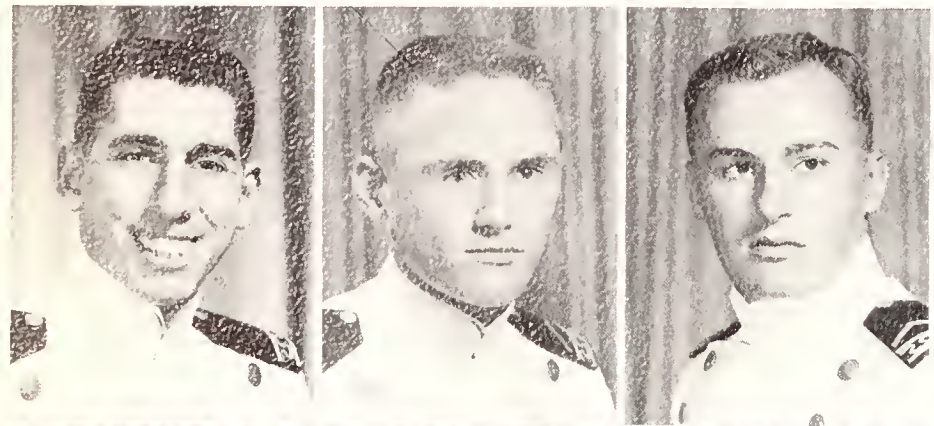


Brinkman, J. M.
Brothers, J. N.
Brown, C. H.

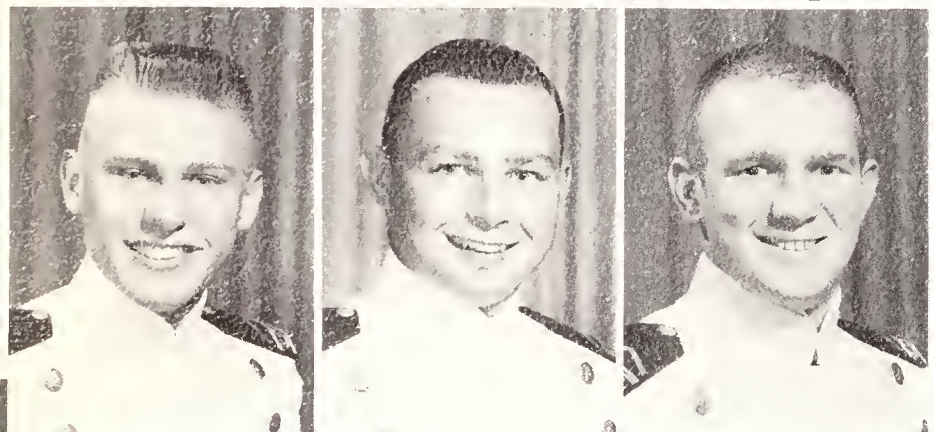




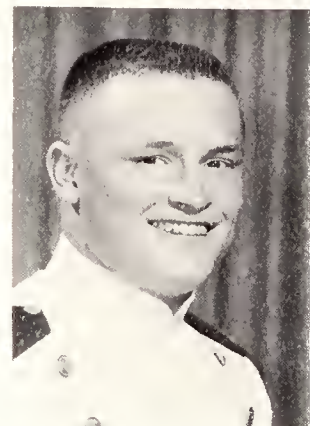
Browning, W. A.
Brucher, J. M.
Bumen, R. L.



Burns, H.
Butchko, M. J., Jr.
Butler, C. M.



Carn, R. M., Jr. *Kip Co*
Carroll, H. K.
Carroll, J. L.



Carver, L. J.
Clark, K. B.

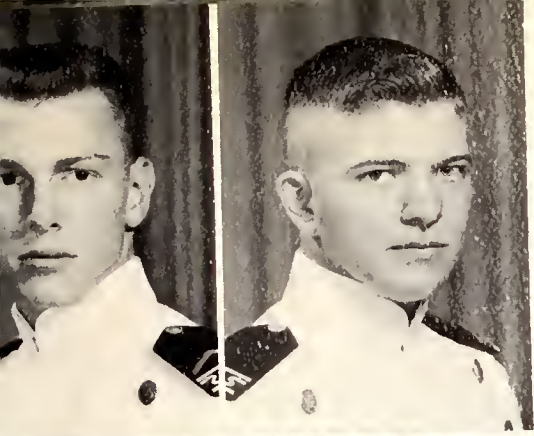
Chaklos, T. E.
Coffey, C. T.



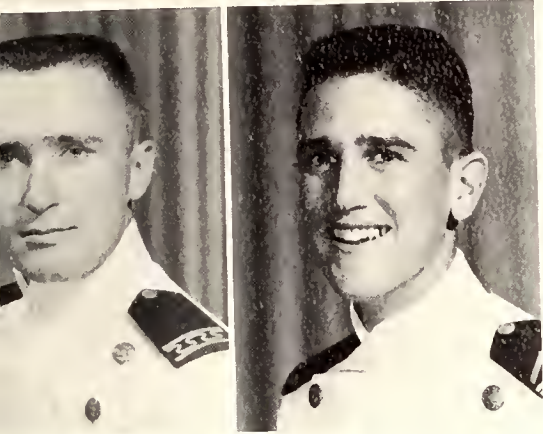
They gave us guns . . .



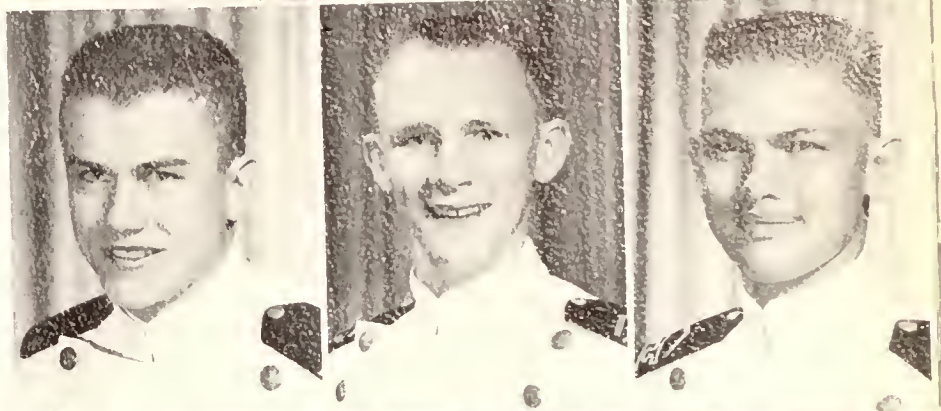
But wouldn't let us use them.



Connolly, R. J.
Cornet, G. F.
Daniel, C. A.

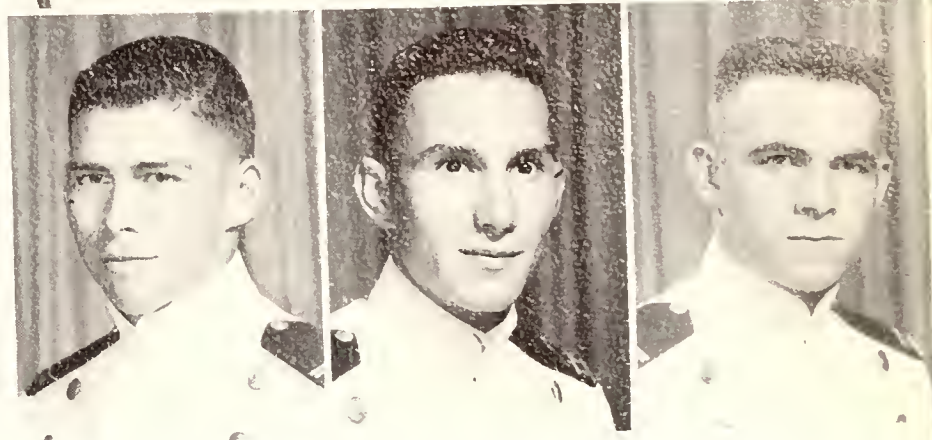


d'Aquin, J. J.
Daugherty, J. W.
Davey, R. F.

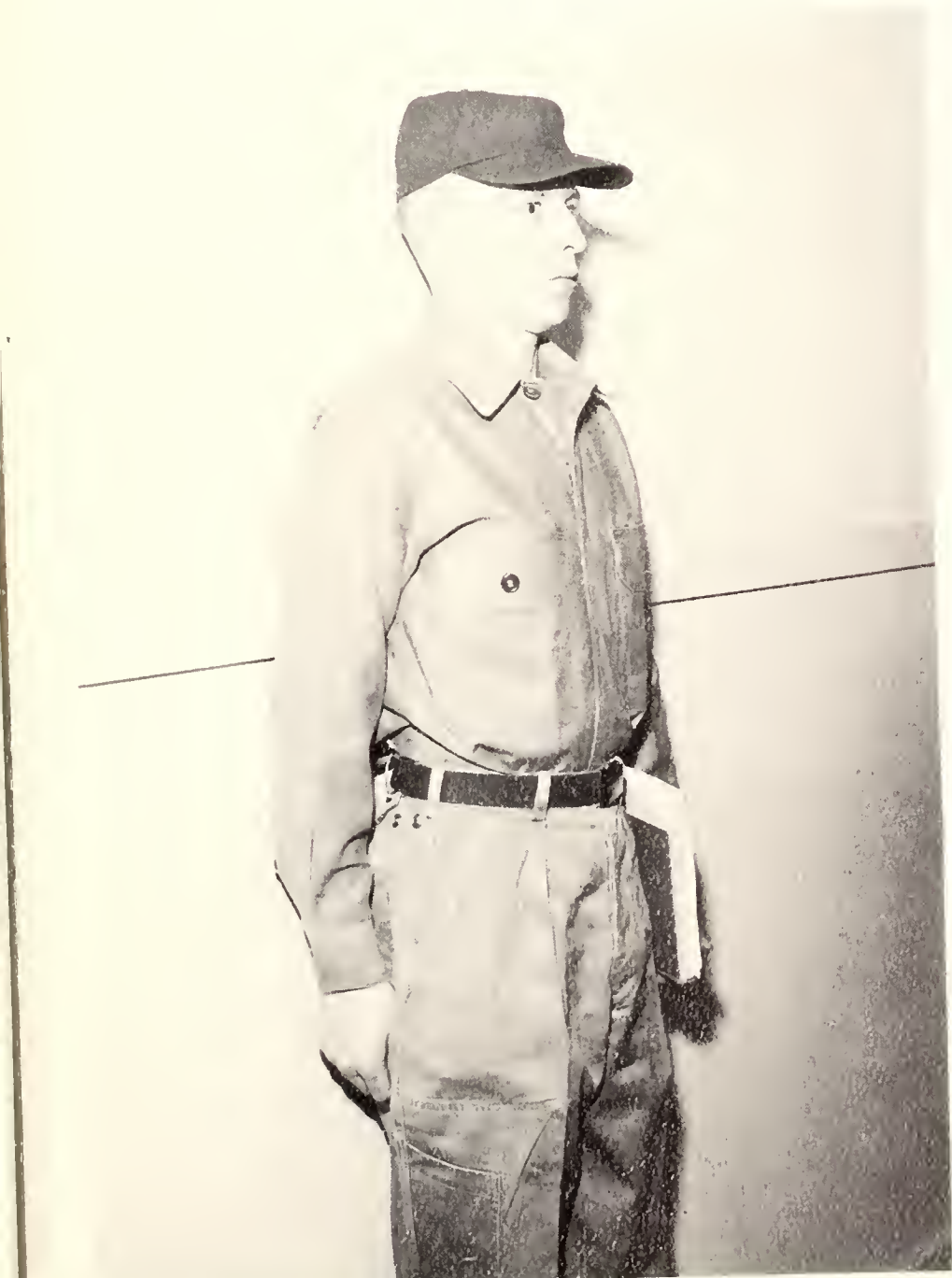


Cheeseman, C. E.
Conlan, R. E.

Clanton, P. L.
Connerat, E. B.



Davis, S.
Deberry, R. D.
Dehne, D. E.



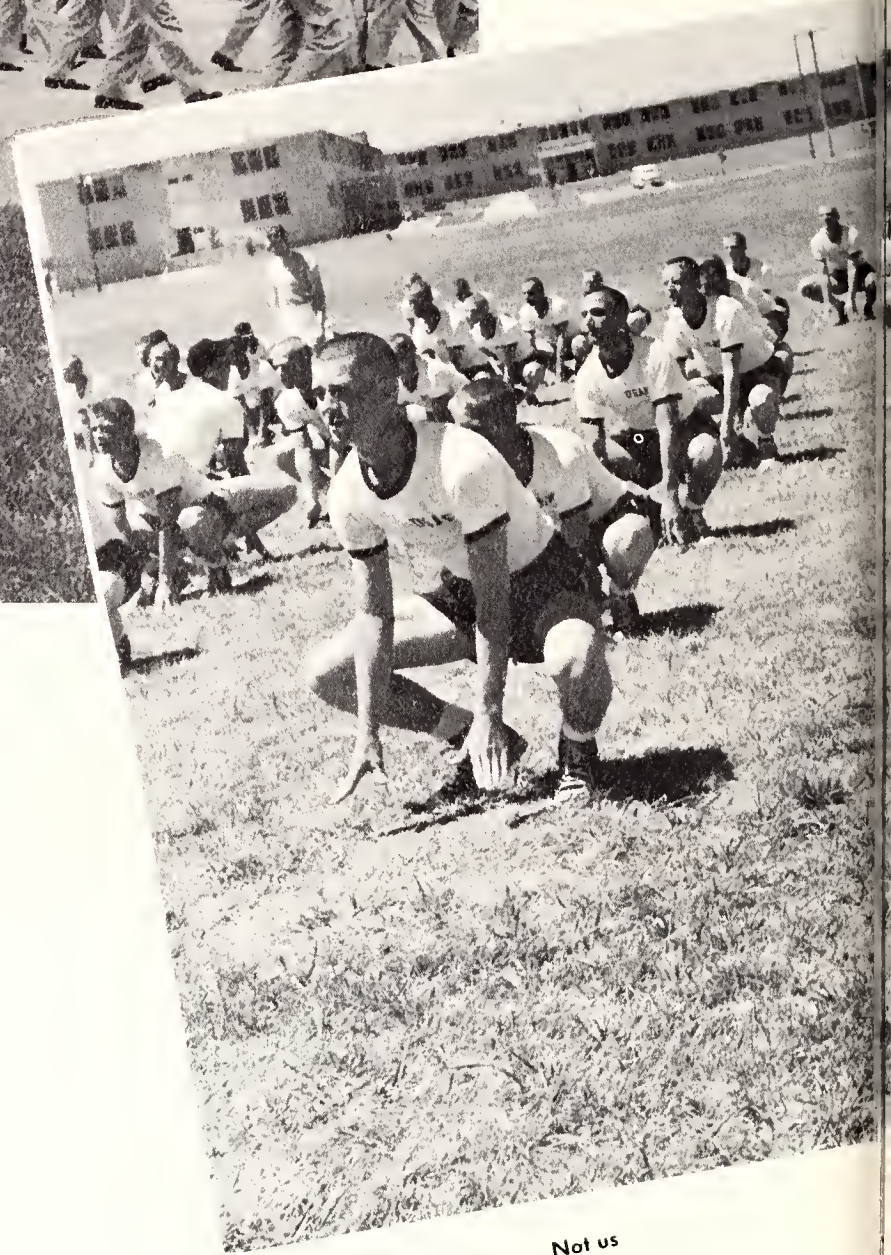
Sometimes we stood still . . .



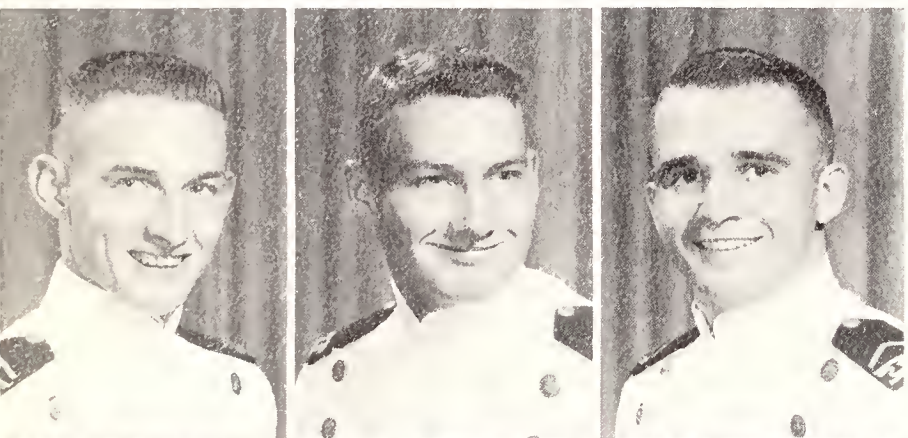
But not for long.



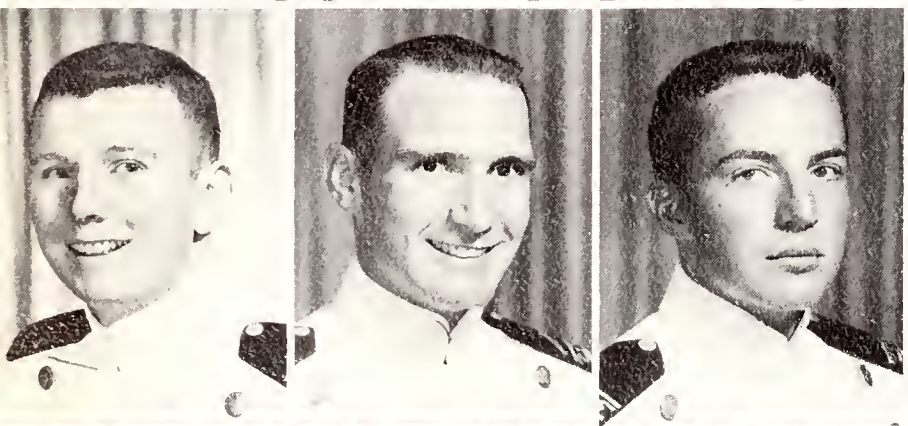
Some had it easy.



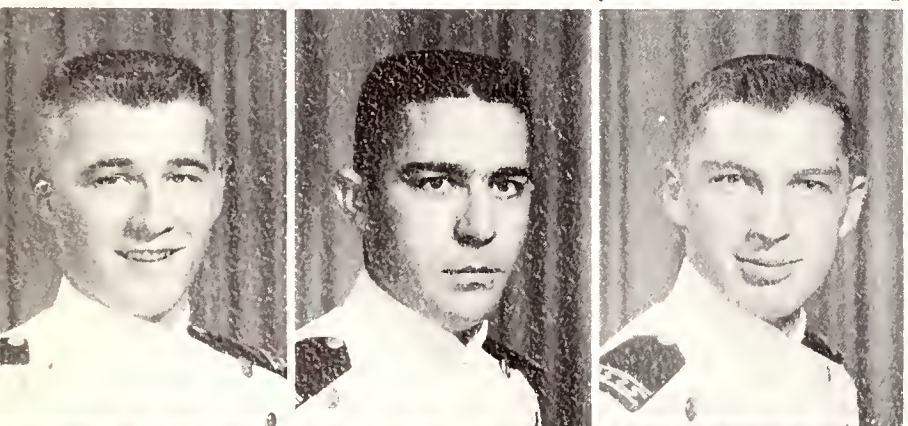
Not us



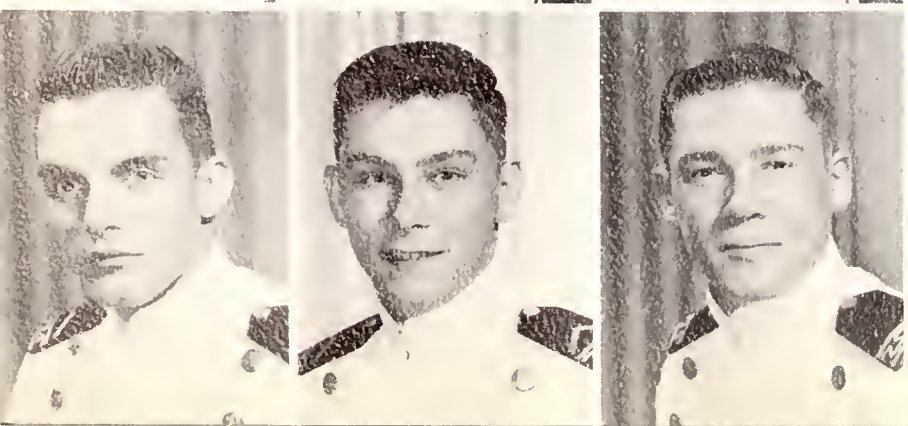
D'Entremont, J. A.
Dinning, O. O.
Dinsmore, J. C.



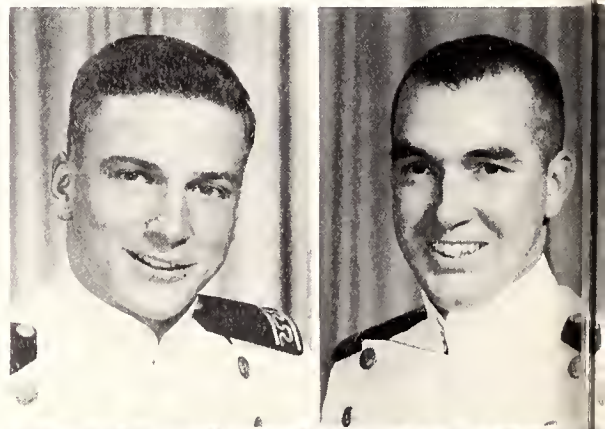
Donovan, D. J.
Drake, J. M.
Dryden, J. W.



Duvall, R. W.
Dykes, F. T.
Easter, J. R.

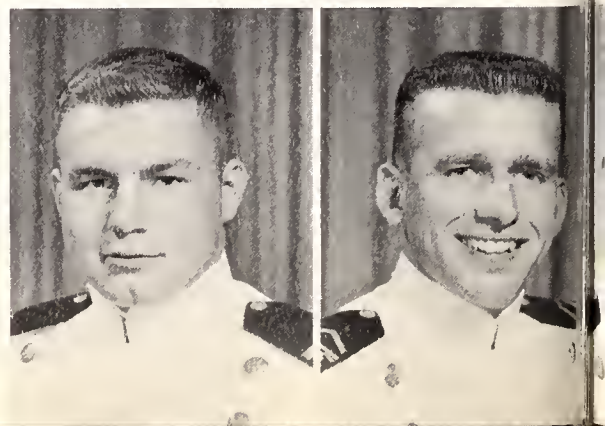


Eaton, G. S.
Eaton, J. D., Jr.
Eckel, G. M.



Egan, D. J.
Fallon, C. B.

Ellsworth, J. R.
Farrington, A. D.



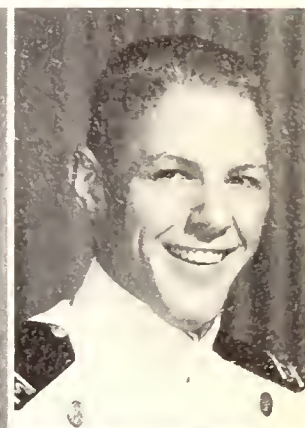
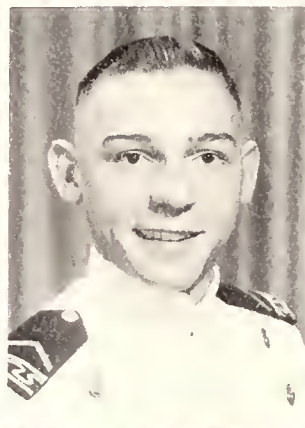


... we played games

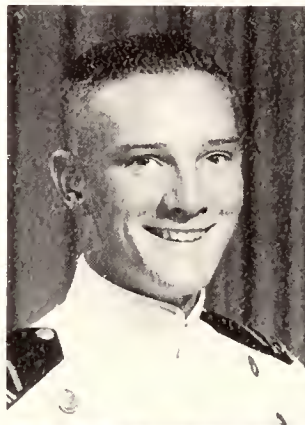


... and "practiced" survival!

Ferris, D. L.
Fiedler, F. A.
Fields, D. A.

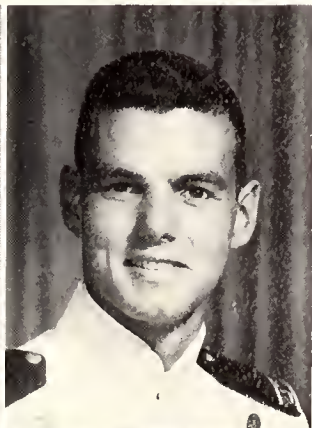
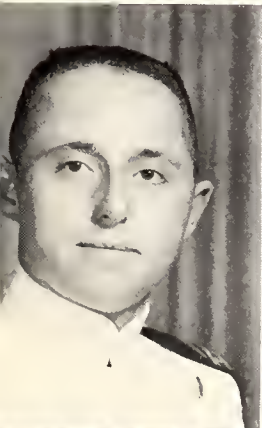


Fisher, K. S.
Flanagan, J. F.
Fleming, K. H.

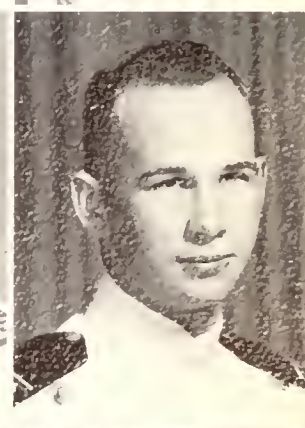
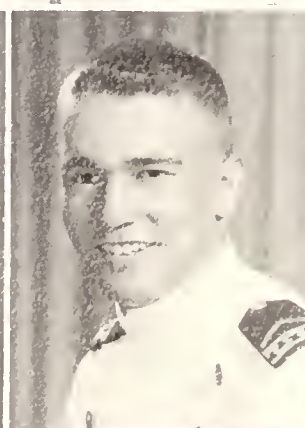


Emanuel, R. N.
Felts, R. L.

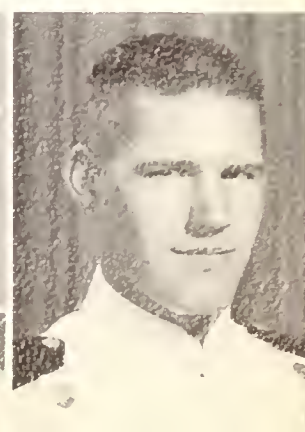
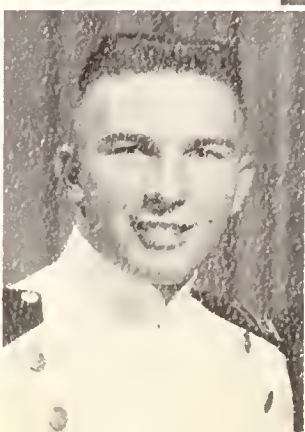
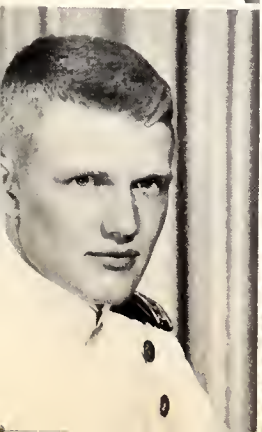
Engles, G. P.
Fer, J.

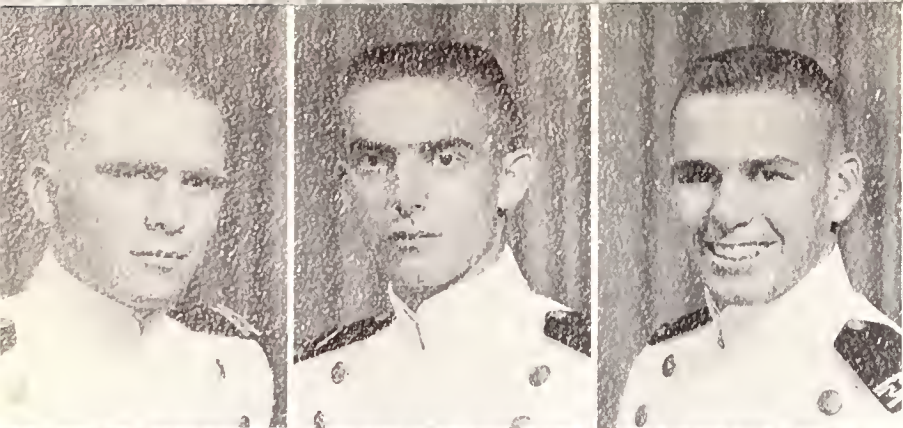


Flynn, P. S.
Ford, R. C.
Forrest, G. F.

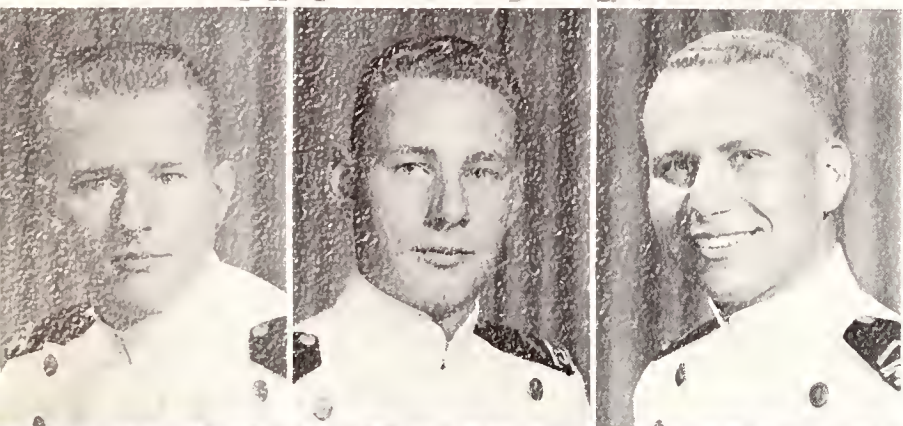


Fox, D. L.
Franco, C. S.
Frink, D. G.

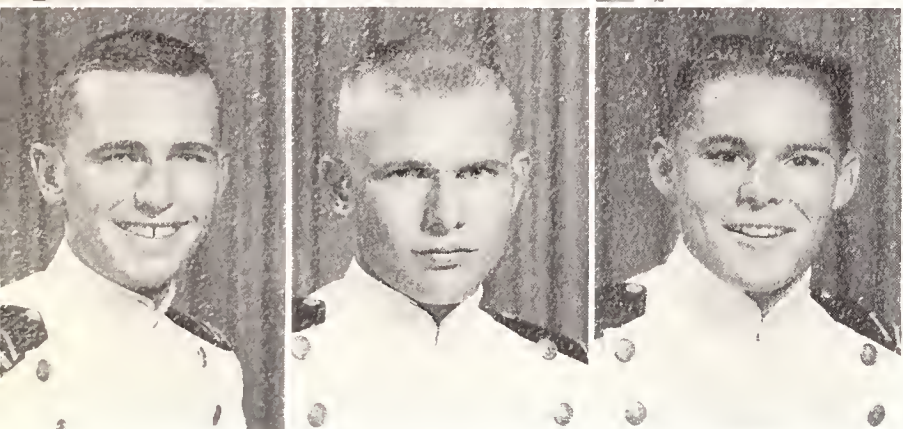




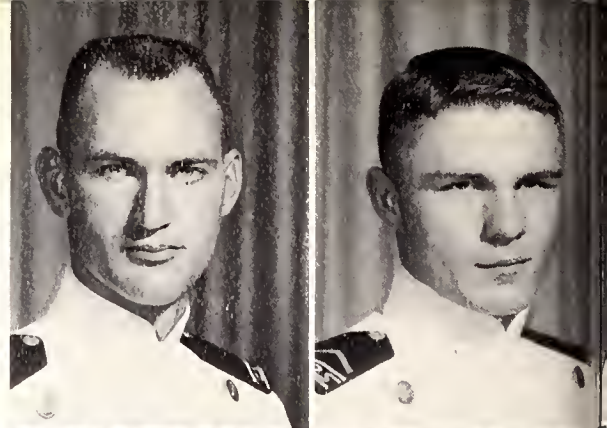
Fritz, N. H.
Funk, E. C.
Gabel, B. E.



Gallagher, J. P.
Geiger, J. A., Jr.
Gerken, F. E., Jr.



Gibson, R. F.
Gillson, A. W.
Gilmartin, R. T., Jr.



Goldsmith, M. L.
Green, R. D.



Gooch, L. L.
Griffey, T. H.

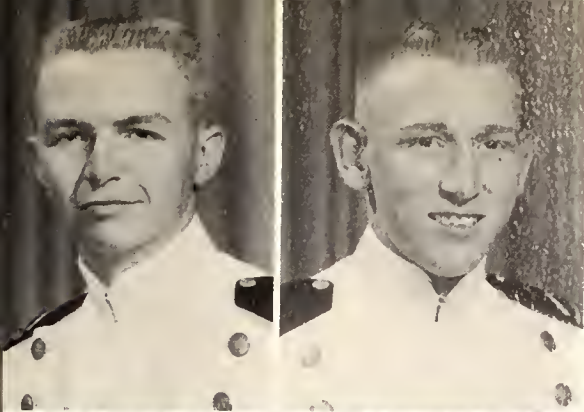
If Mom could see me now . . .



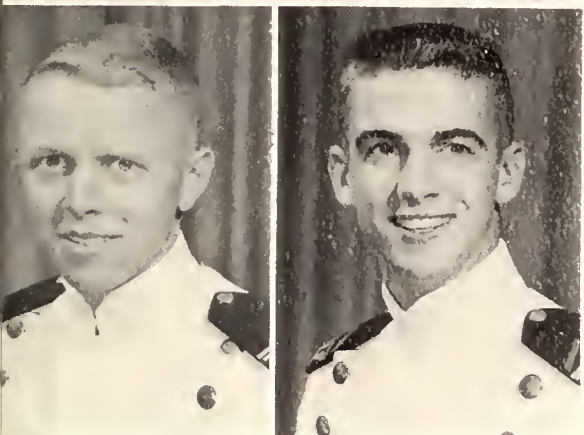
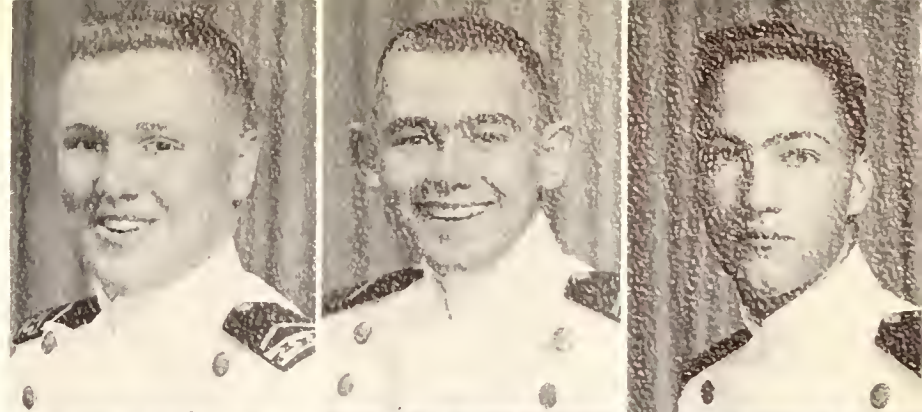
Wouldn't she be proud —



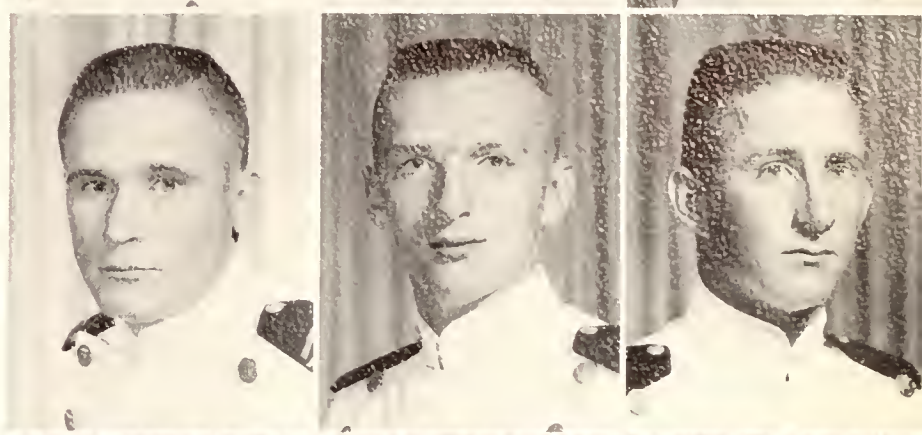
I'm a real live soldier!



Guilmartin, J. F., Jr.
Hackney, R. R.
Hale, C. E., Jr.

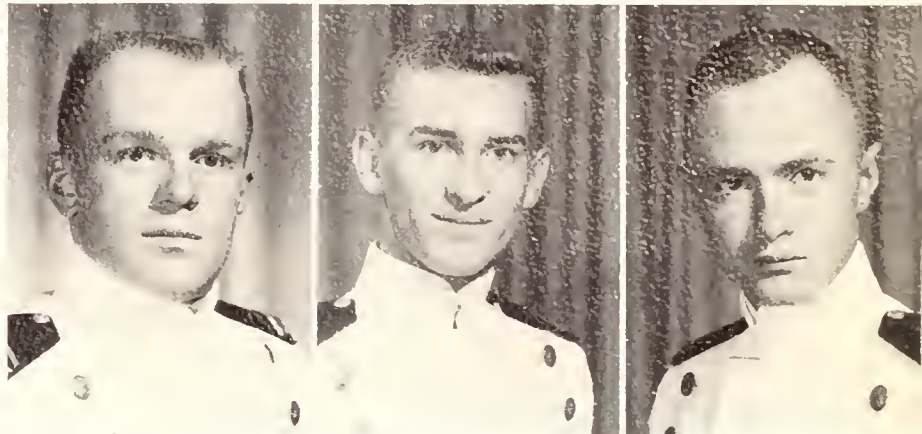


Hall, L. W.
Hallager, D. J.
Hamrick, G. R.



Goodenough, R. E.
Griffin, C. F.

Gray, W. W., Jr.
Griffin, C. W., Jr.



Harlan, D. L.
Harmon, L. R.
Harrison, G. B.



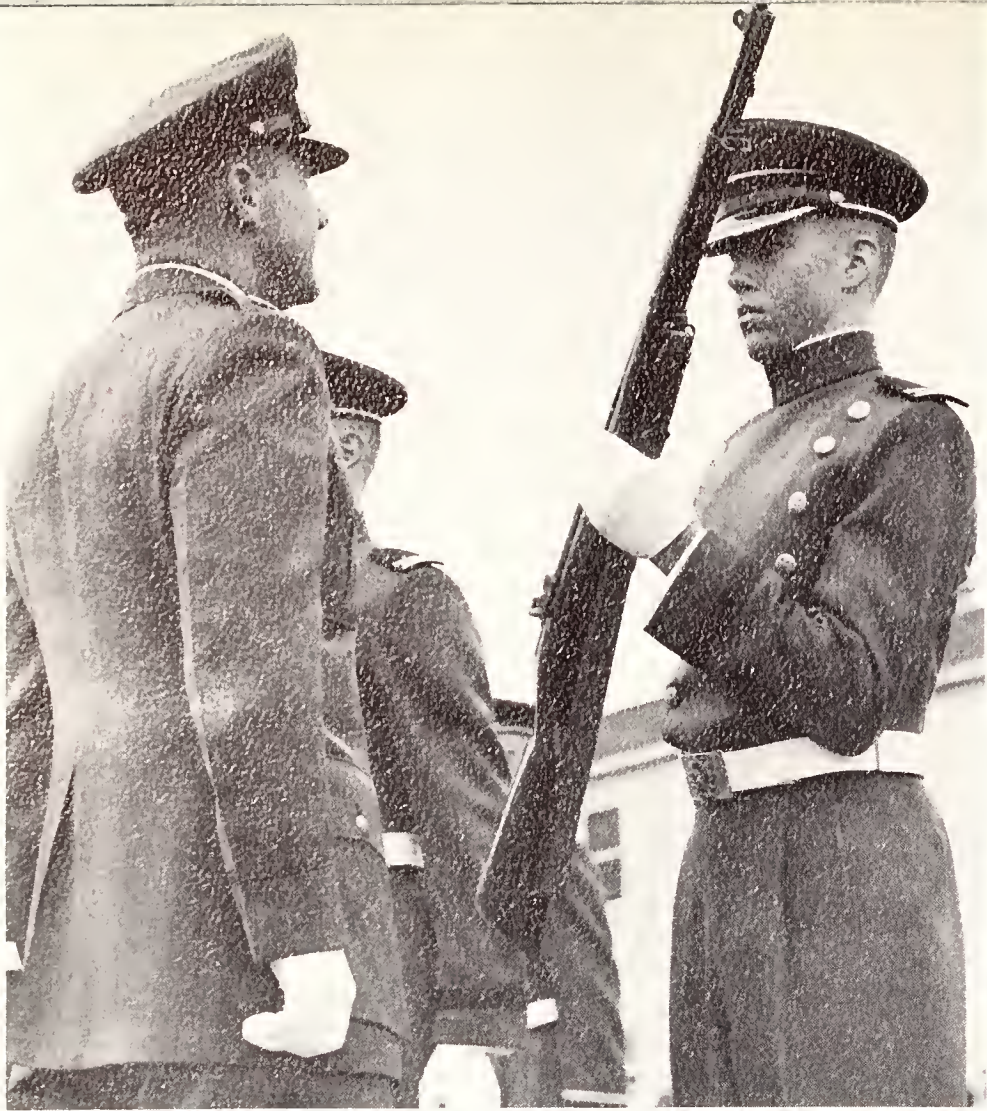
This was easier than the back fence.

We had many jolly times . . .

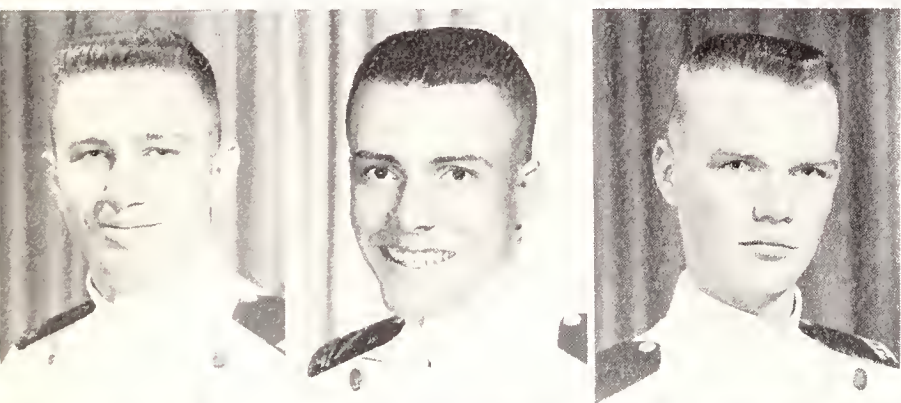


And participated in athletics.

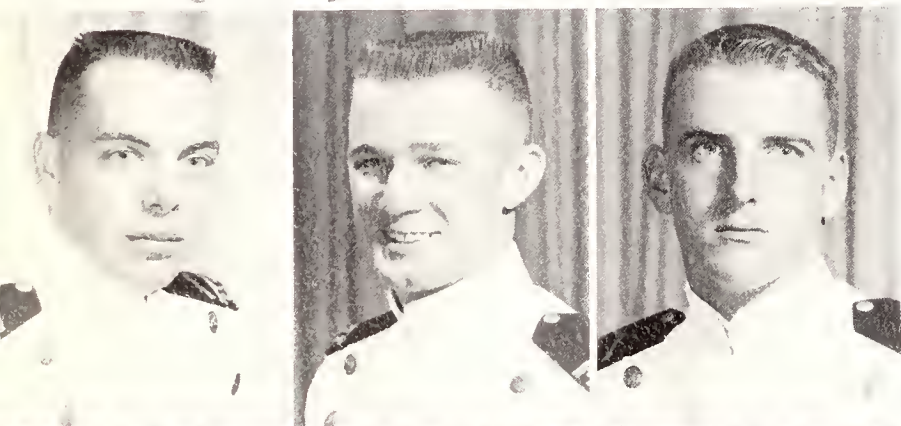




They inspected now and then. . .



Harvey, W. T.
Harwick, A. H.
Haugen, W. J.



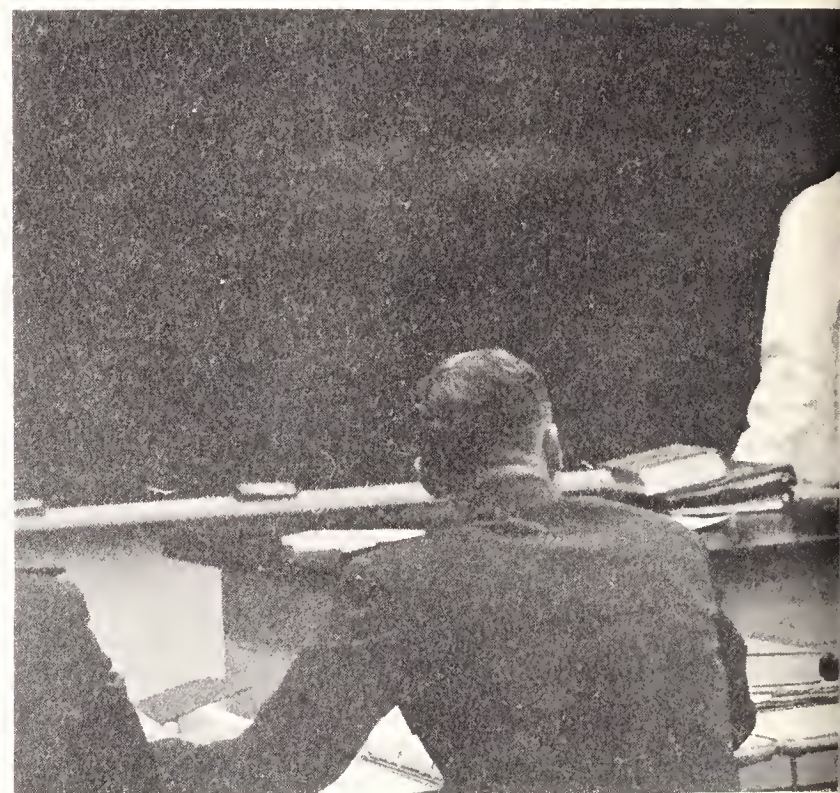
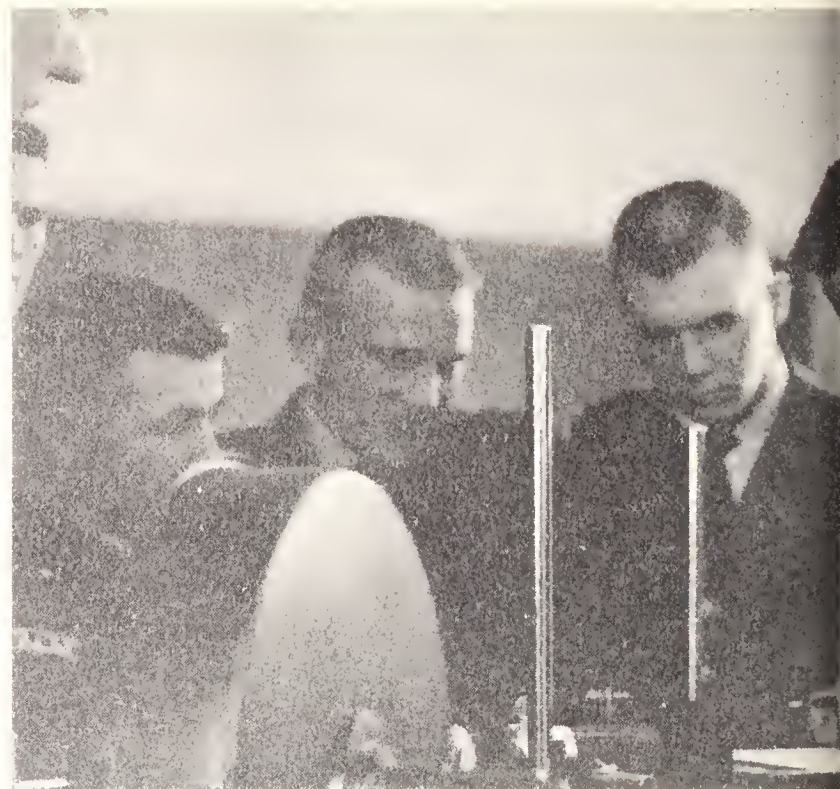
Hauschildt, J. C.
Hauser, J. C.
Hawkins, F. O.



Heacox, D. J.
Hendricks, J. E.
Hendryx, F. L.



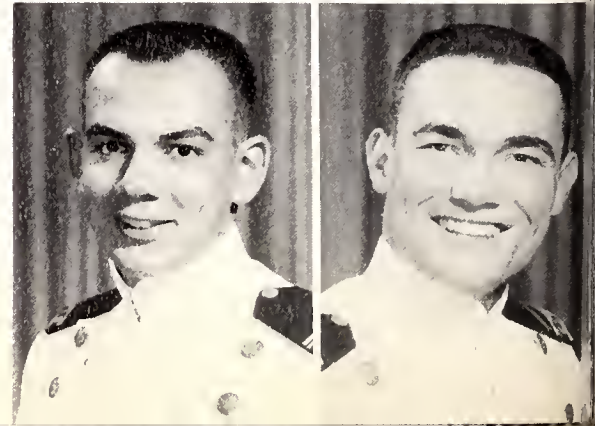
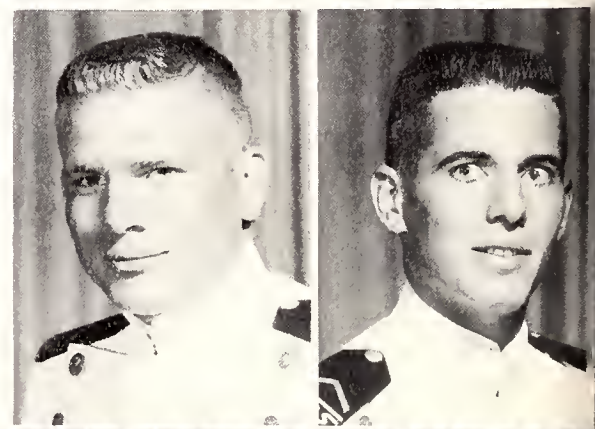
Henshaw, R. A.
Hepburn, P. R., Jr.
Herter, W. C.

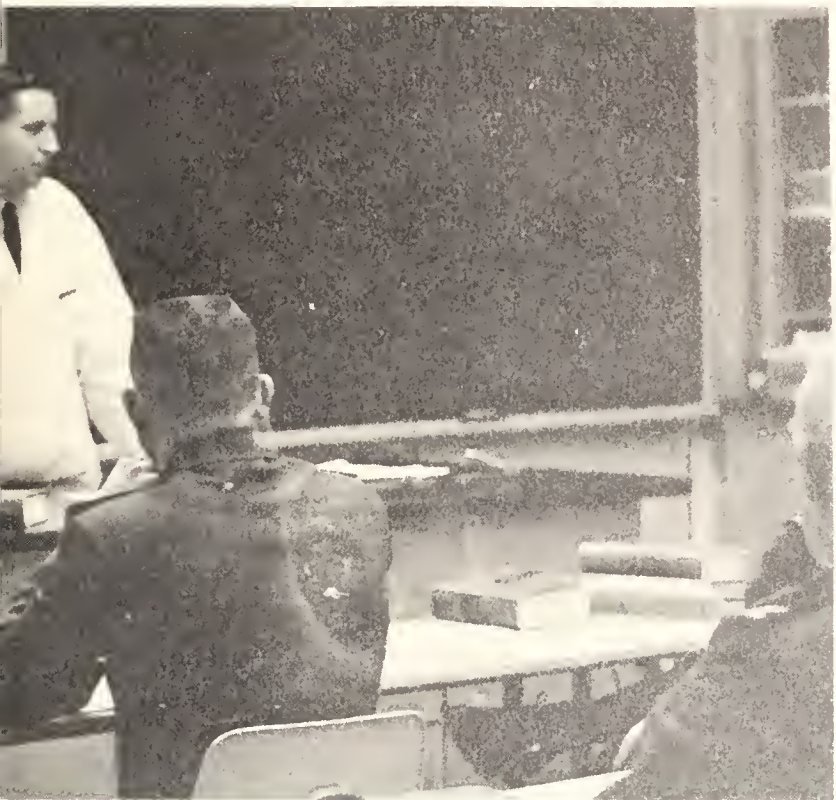
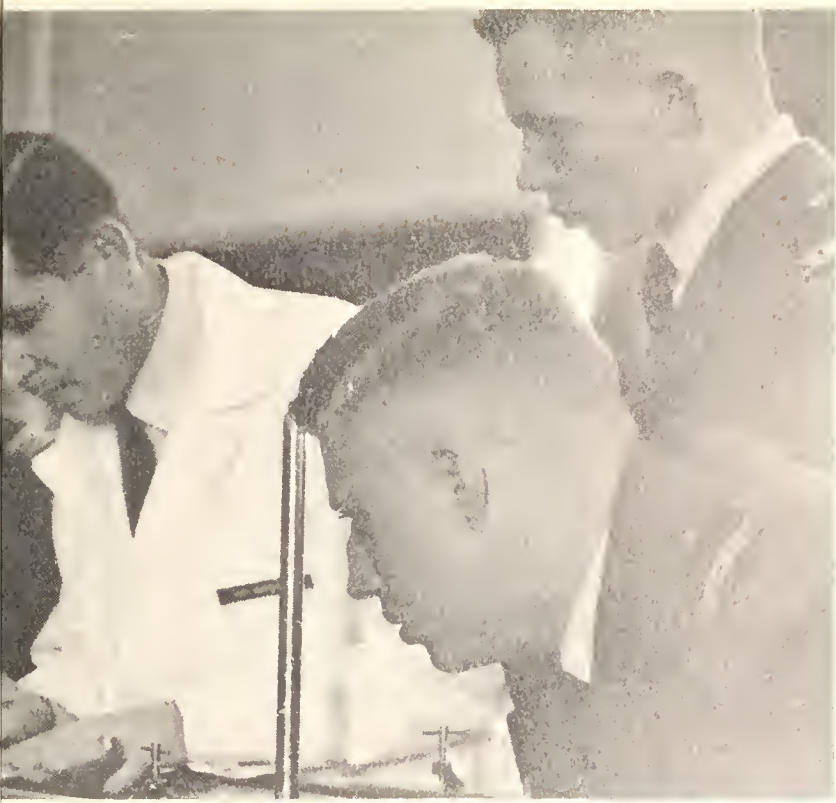


Instructed us

Hertzog, R. B. E.
Hoffert, R. L.

High, J. T.
Hogan, W. E.

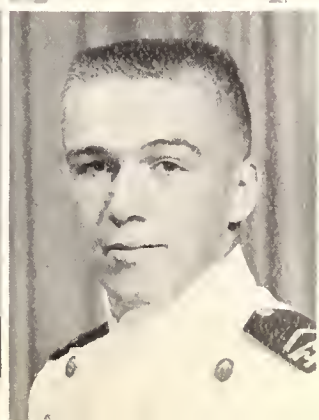




almost constantly . . .

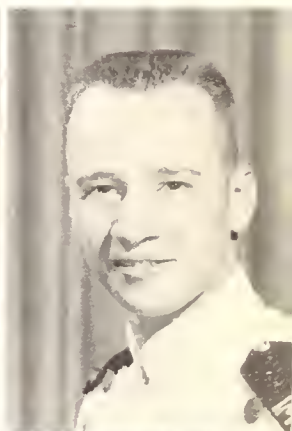
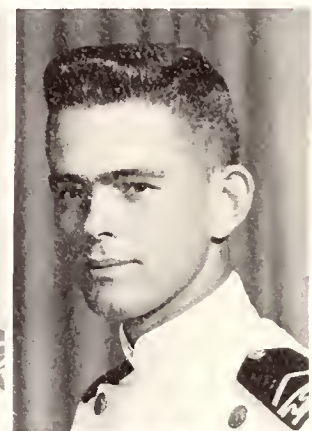
Hines, J. V.
Holbrow, W. F.

Hodgkinson, R. L.
Holt, D. E.

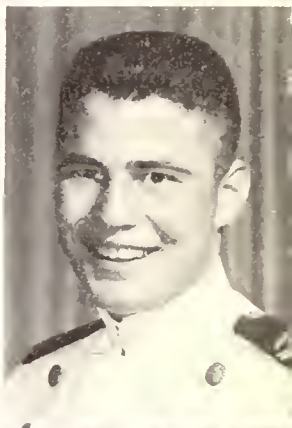
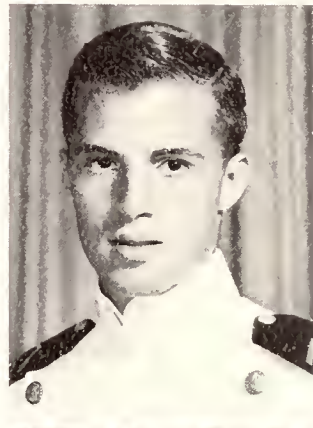


But we remained unconfused.

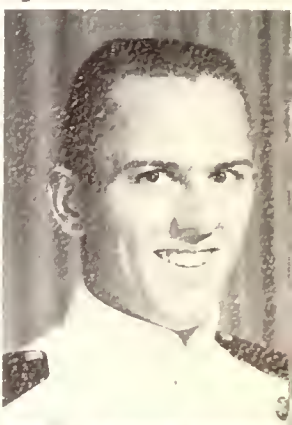
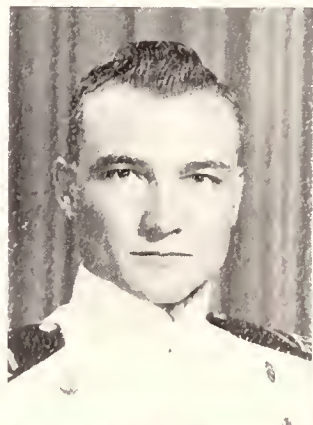
Hopkins, R. S.
Hornaday, R. J., Jr.
Horsburgh, H. R.



Howell, W. P.
Hudson, H. L.
Hughes, M. B.

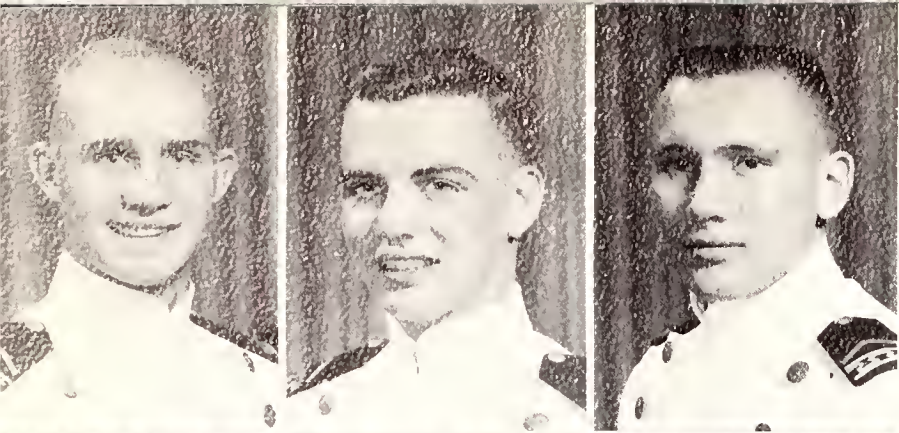


Huntsman, R. J.
Hutchinson, D. L.
Hutchison, T.

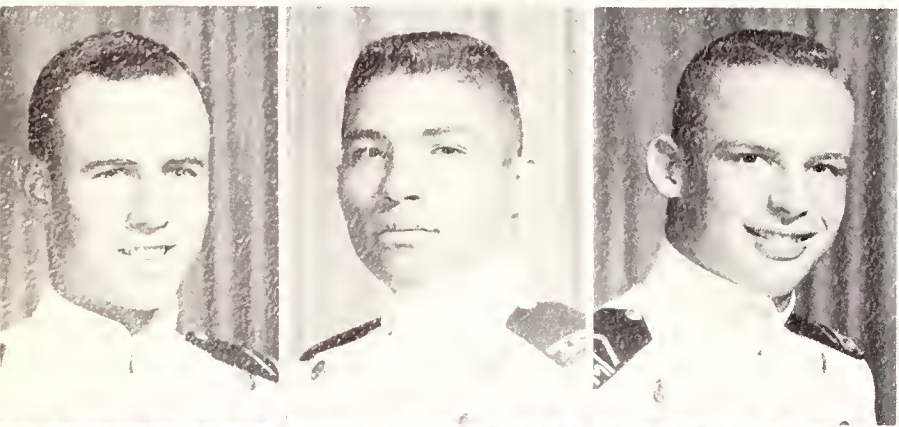


Induni, M. L.
Jackson, E. A.
Jamba, J. W.

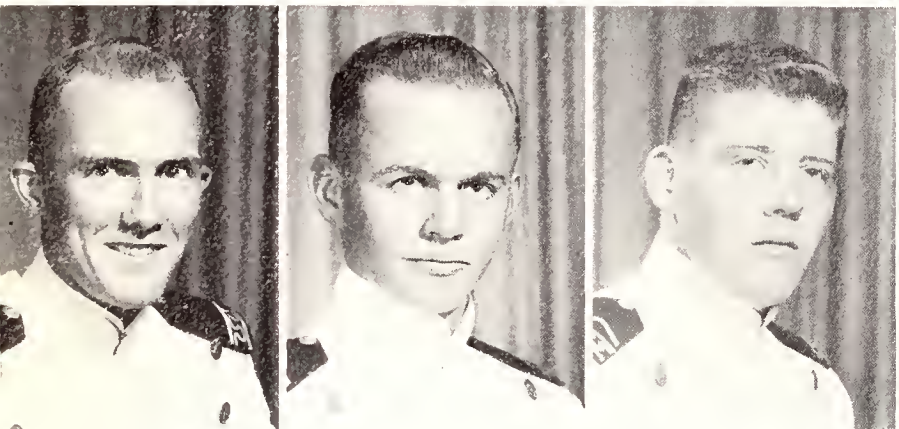




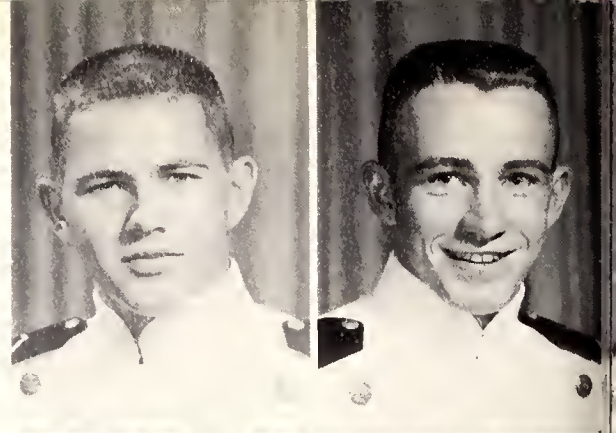
Jasper, J. P.
Jefferson, W. T. A.
Jensen, L. O.



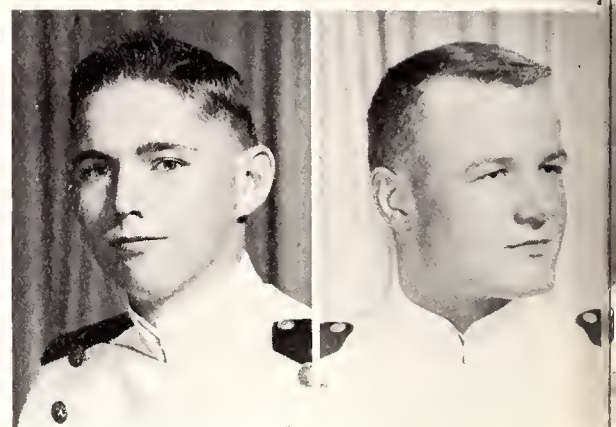
Jensen, N. D.
Johnson, L.
Johnson, R. K.



Johnson, R. R.
Johnson, R. K.
Johnson, B. W.



Johnston, C. H.
Kennedy, J. D.

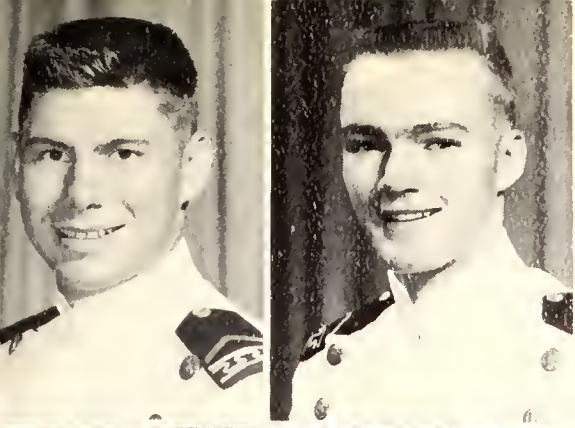


Keaney, T. A.
Kennedy, T. M.

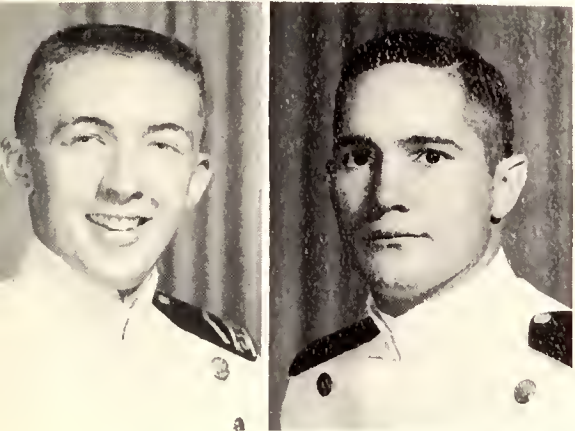
But we did find solitude . . .



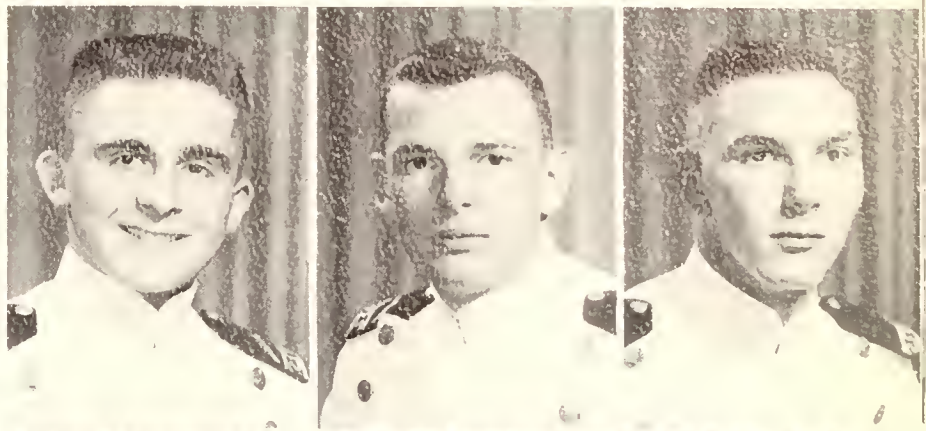
The normal poce was hectic.



Keyes, A. L.
Kirk, C. R. B.
Kittelson, K. K.



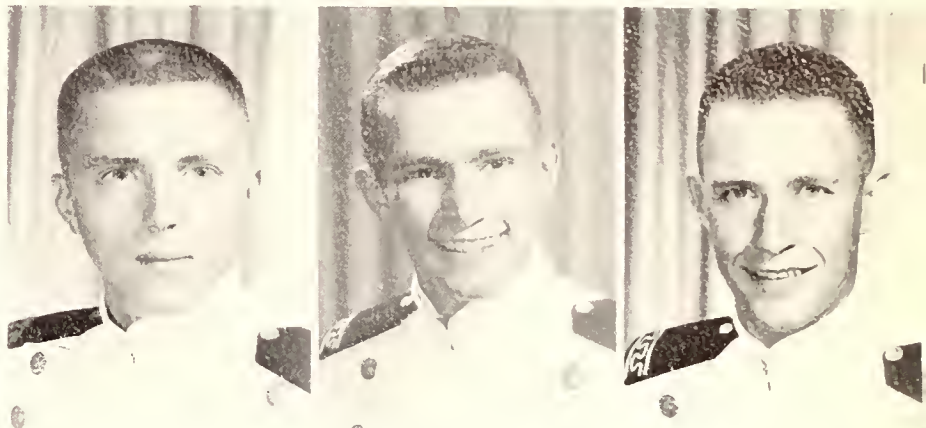
Klass, R. L.
Knipp, W. N.
Krebs, R. G.



Keck, H. G.
Kepner, D. A.

Keighery, R. P.
Keppen, K. H.

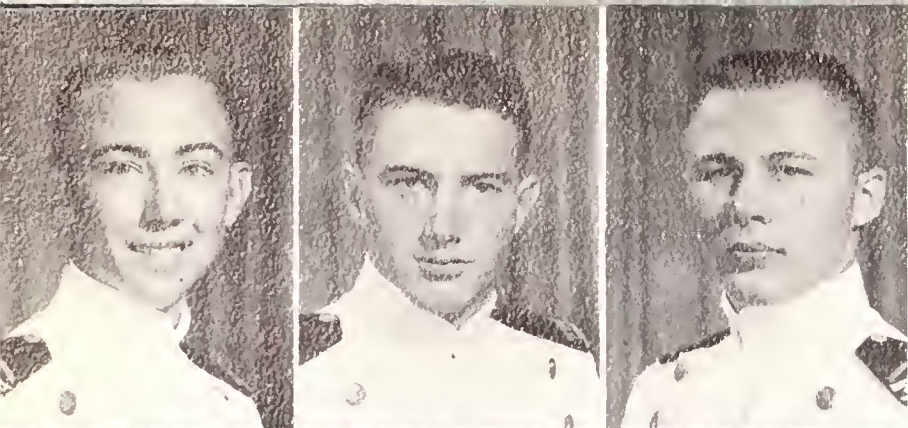
Kuchlewski, R. J.
Lammers, K. E.
Lancaster, L. T. G.



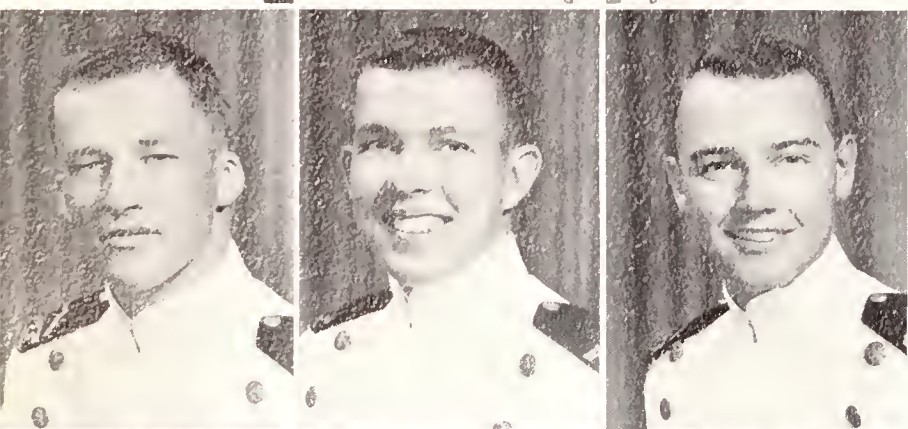
In various hidden corners.



And always, Big Brother was watching.



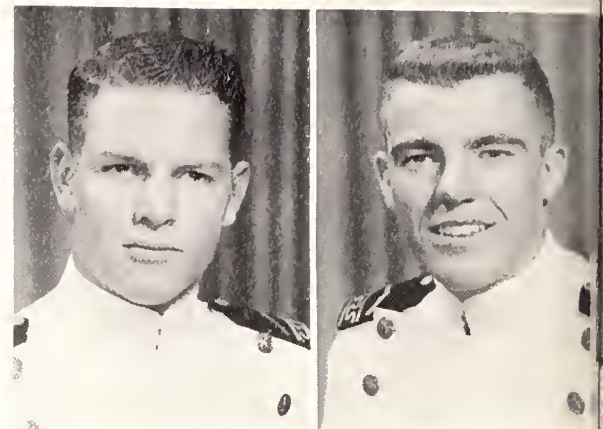
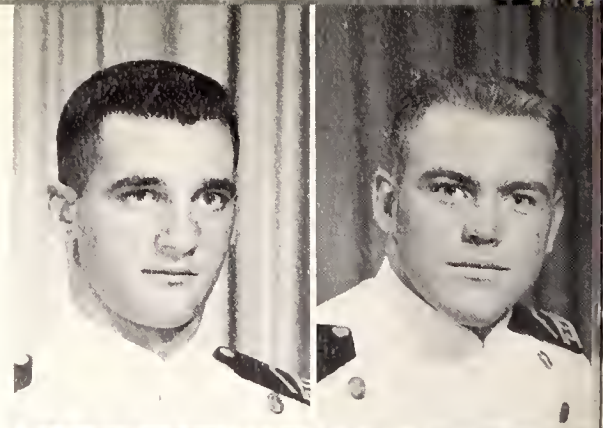
Landers, P. E., Jr.
Lannon, R. G.
Larson, C. A.



Larson, G. W., Jr.
Lee, D. R.
Lenox, H. T.



Lentz, G. D.
Lightsey, R. H.
Lorenzini, D. A.



Loyacono, P. K.
Lyon, D. C.

Luebbermann, J. N.
Mack, J. E.

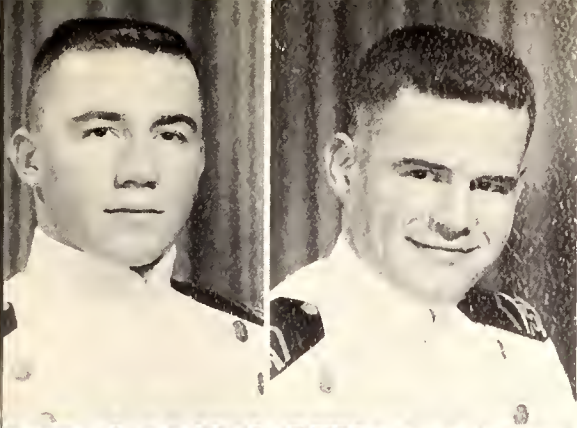
But meanwhile . . .

Operation "PCS Falcon" — coming up!

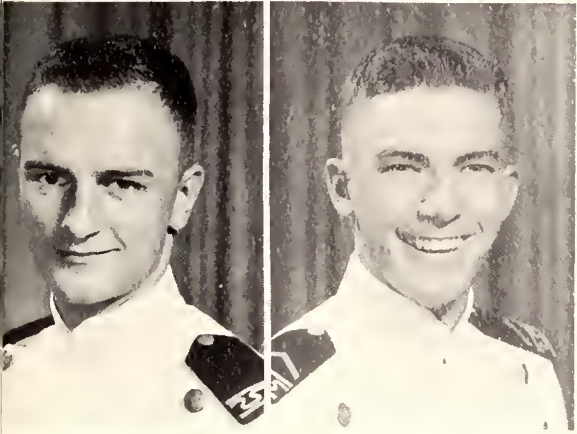
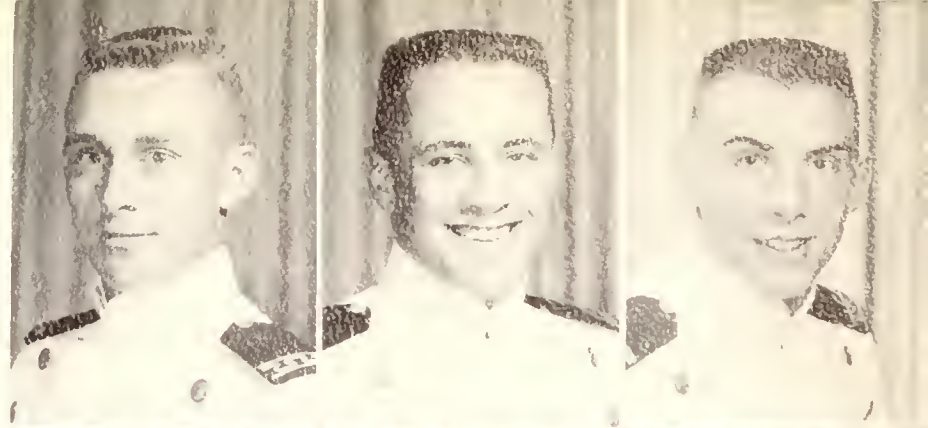


We enjoyed Denver's social life.

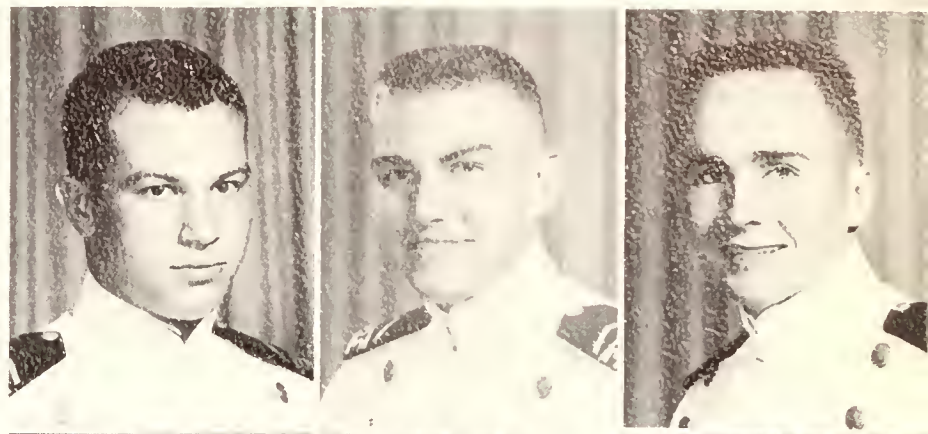




Mages, J. G.
Major, M. G.
Mangold, R. T.



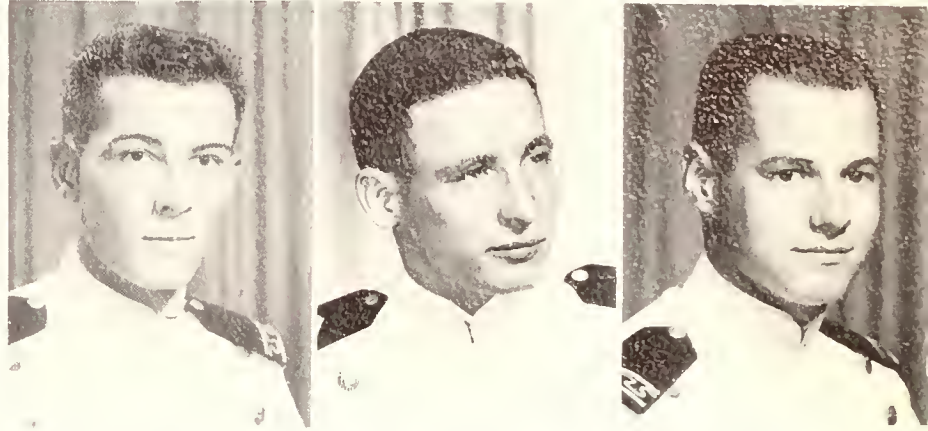
Mannion, W. H.
Marshall, L. W.
Martin, H. P.



Lyddane, G. H.
MacLennan, J. C.

Lynn, L. A., Jr.
MacNevin, C. H.

Martinelli, E. A.
McAtee, T. P.
McClintock, R. M.



At that time we had nothing but hopes.

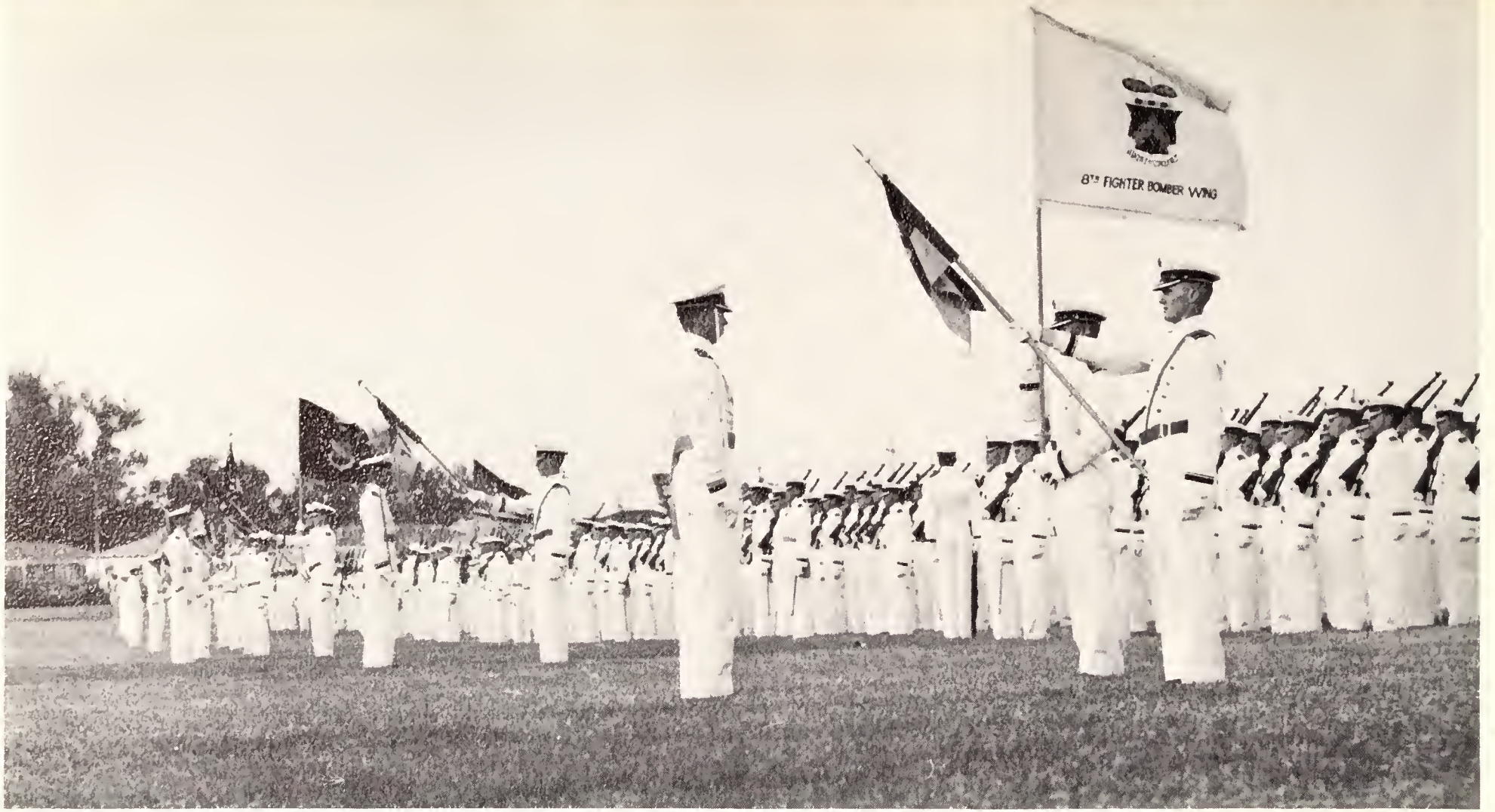


Mr. Figma and his musicmakers.

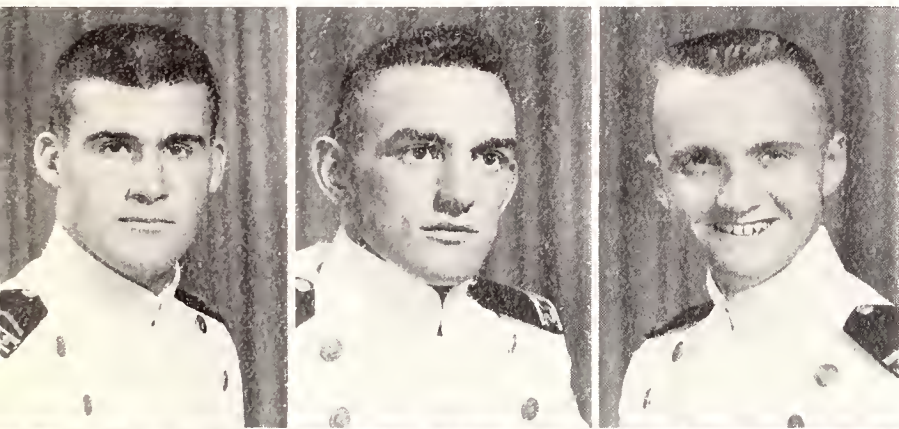


The fireman's ball.

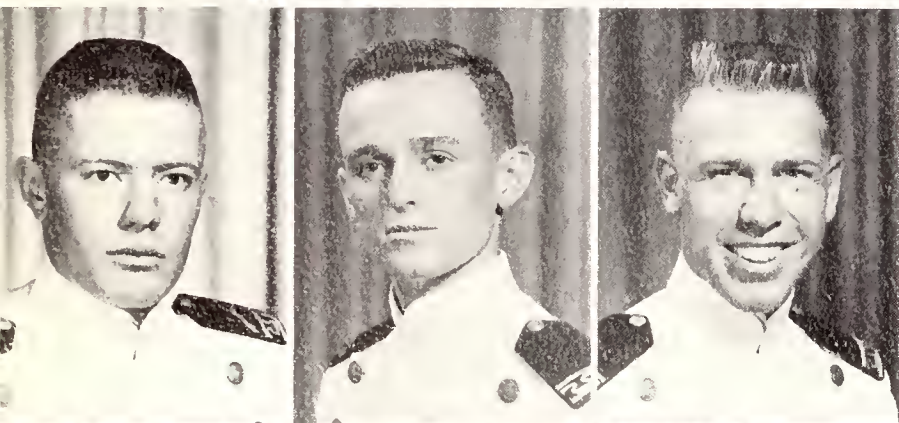




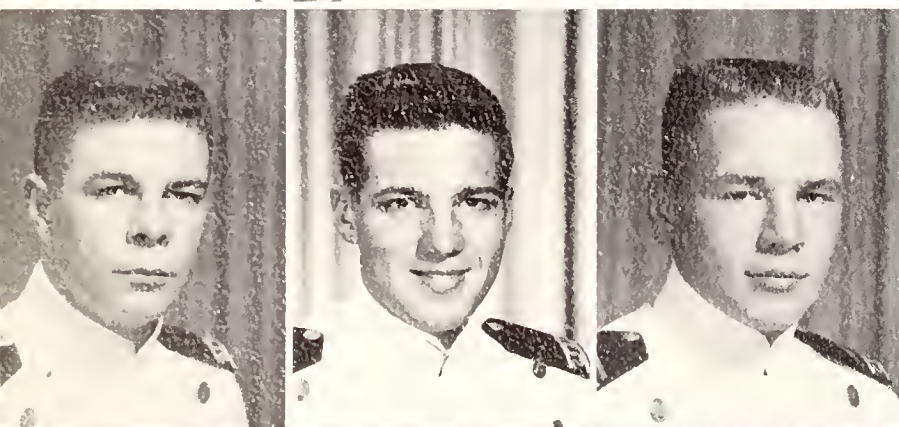
Like magic . . . the Lang Gray Line turns white.



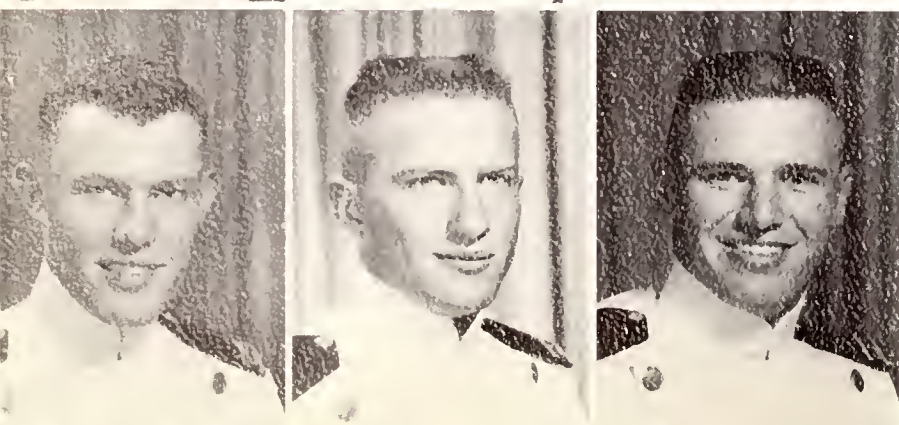
McConnell, D. E.
McDonough, R. L.
McHugh, E. D.



McNaughton, R. J.
Merkel, P. A.
Mettler, S. C.



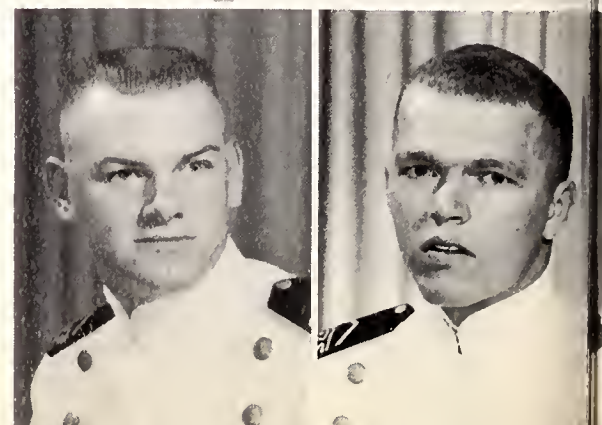
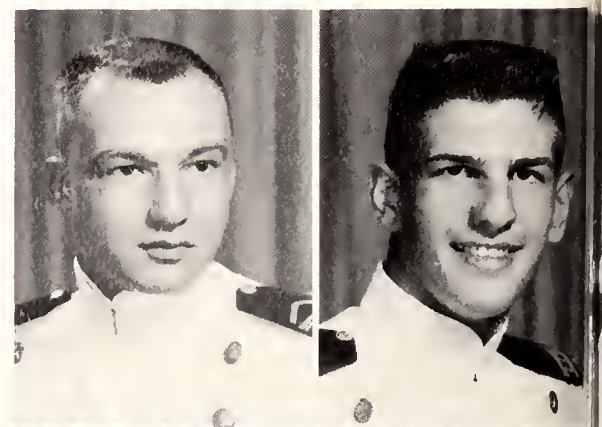
Meyers, R. T.
Mickel, R. S.
Miko, J. F.



Moore, C. L.
Moore, T. K.
Mosher, A. L.

Motekew, E. W.
Netzinger, D. L.

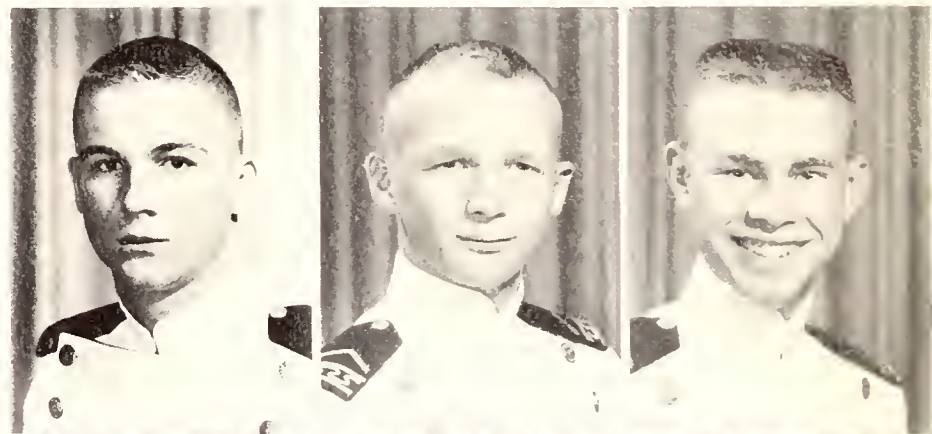
Nagy, J. E., Jr.
Newman, E. C.



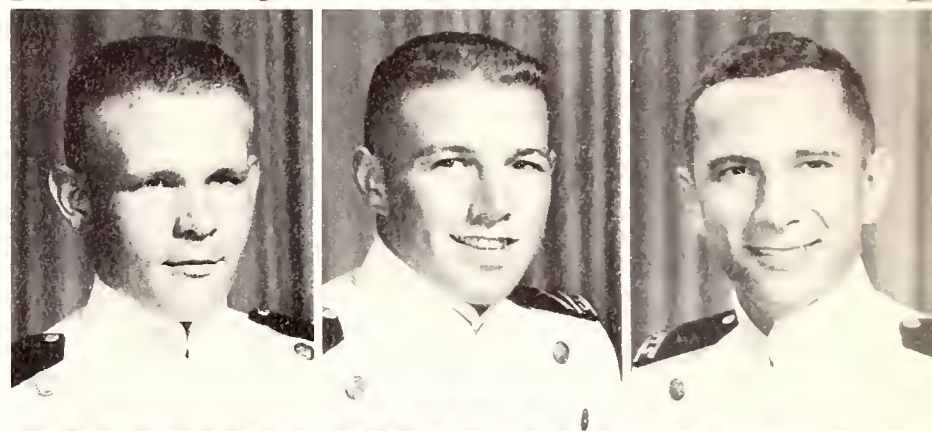


"Busting the MACH" — recognition day at last.

Nielson, S. W.
Niemi, N. N.
Noble, D. G.

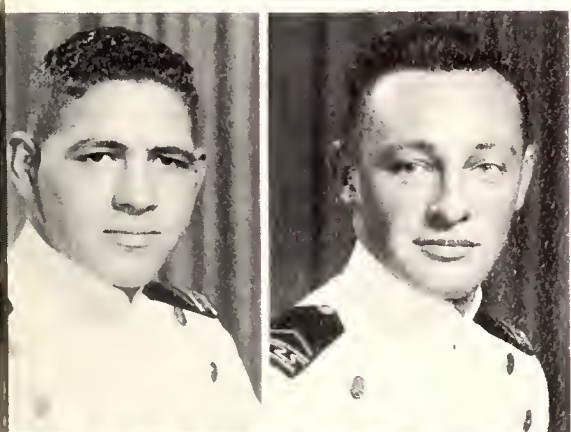


Ohman, N. B.
Olson, D. F.
Olson, D. G.

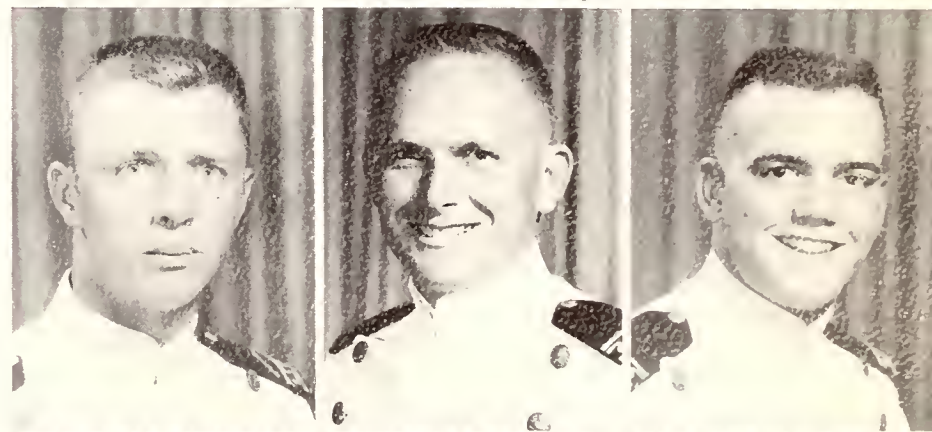


Needham, K. E.
Nichols, H. F.

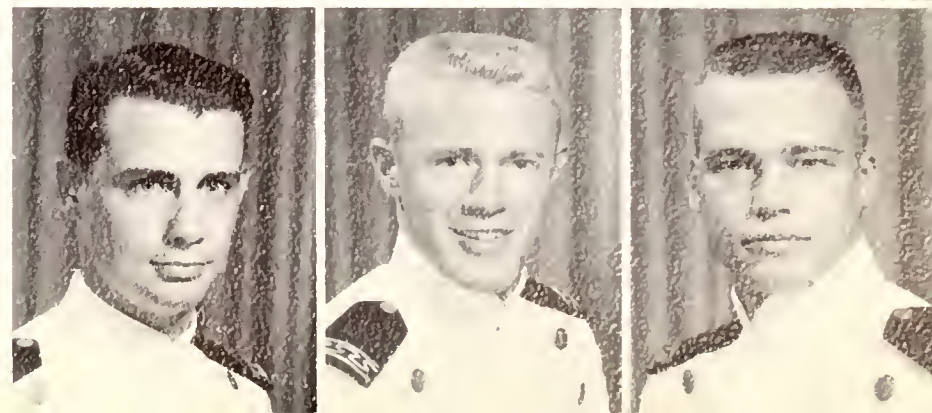
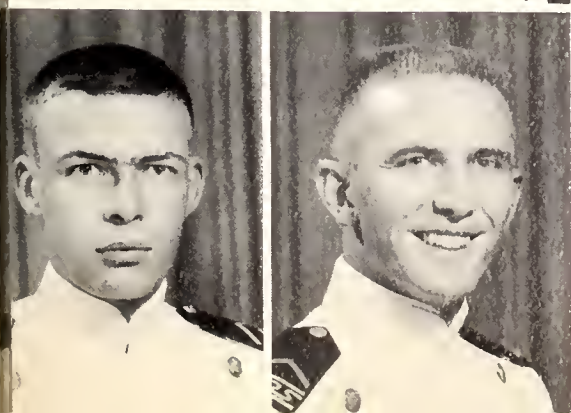
Neff, T. A.
Nichols, J. L.



O'Rourke, W. R., Jr.
Owens, B. C.
Pacina, G. C.

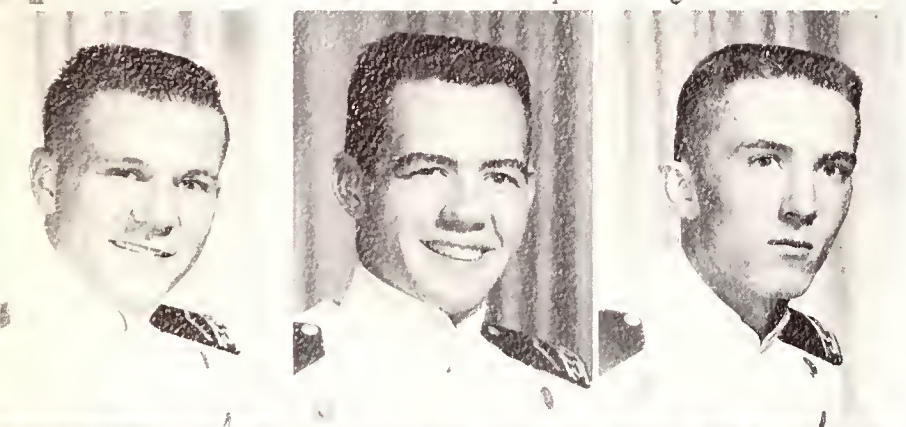


Paddon, H. G.
Page, E. G.
Paquet, R. D.

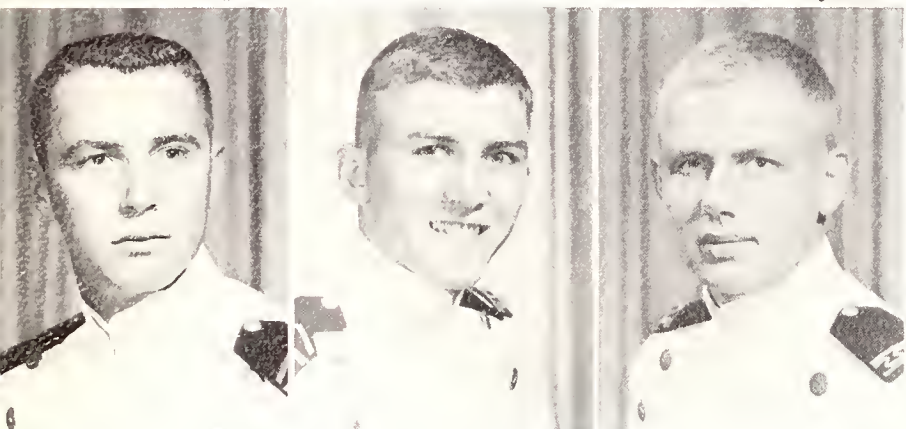




Parker, R. C.
Parker, R. H.
Patrie, S. A., Jr.

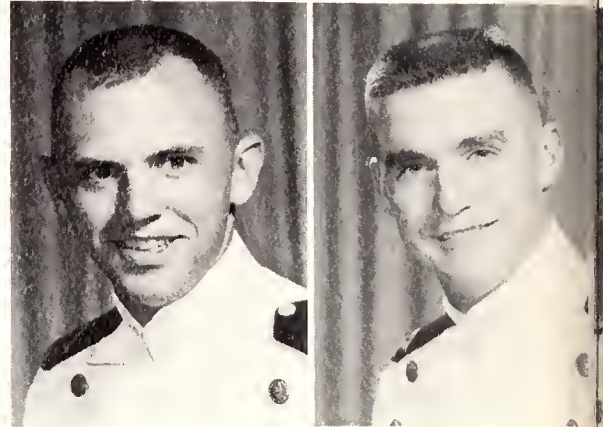
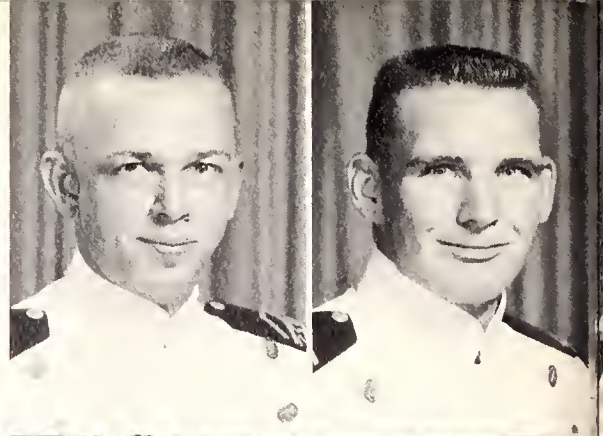


Patton, R. B.
Peck, G. R., Jr.
Pederson, D. J.



Pemberton, D. H.
Perlotto, R. E.
Peterson, W., Jr.

The Gung-Ho gladiators of '62 . . .



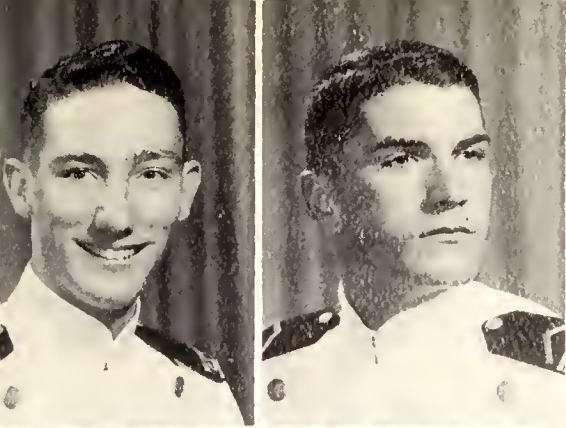
Pirtle, P. E.
Qualey, J. P., Jr.

Polk, J. G.
Quinton, M. E.

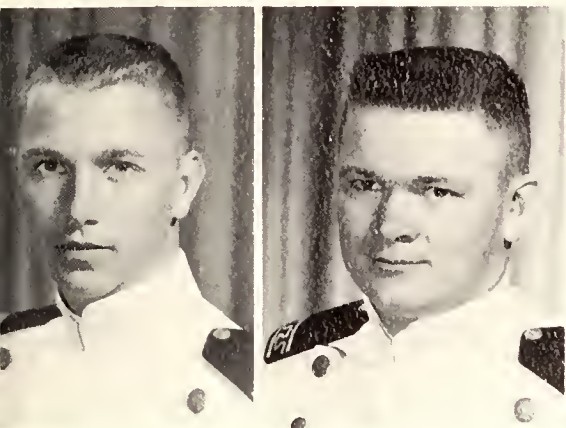
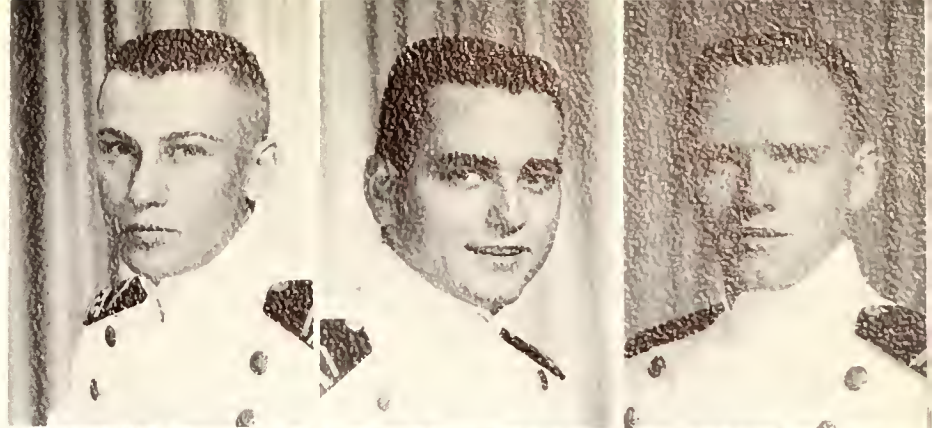


Take over —

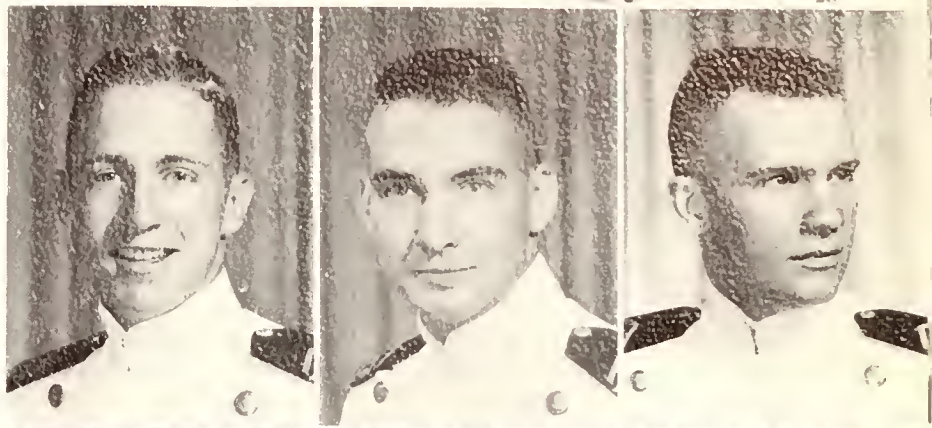




Rausch, J. T.
Reed, W. H.
Reeves, R. J., Jr.



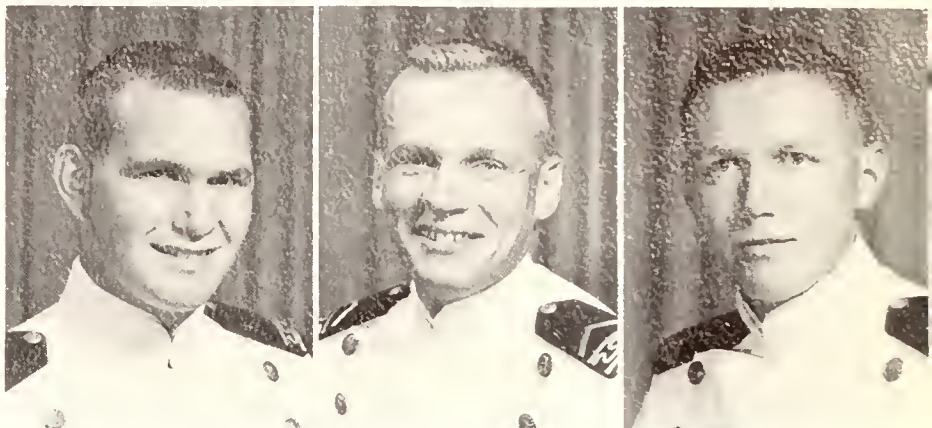
Rentenbach, T. M.
Rhoades, R. S.
Rhoades, T. S.



Pressley, T. L.
Ramsey, R. A.

Price, C. S.
Randall, R. T.

Rhodes, H. W.
Richardson, C.
Robbins, E. L.



We discovered it takes a special brand of courage.

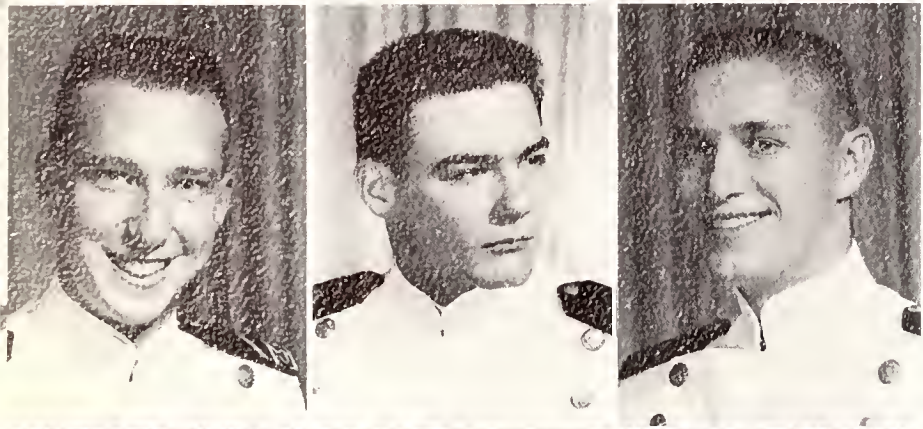


— where we left off.

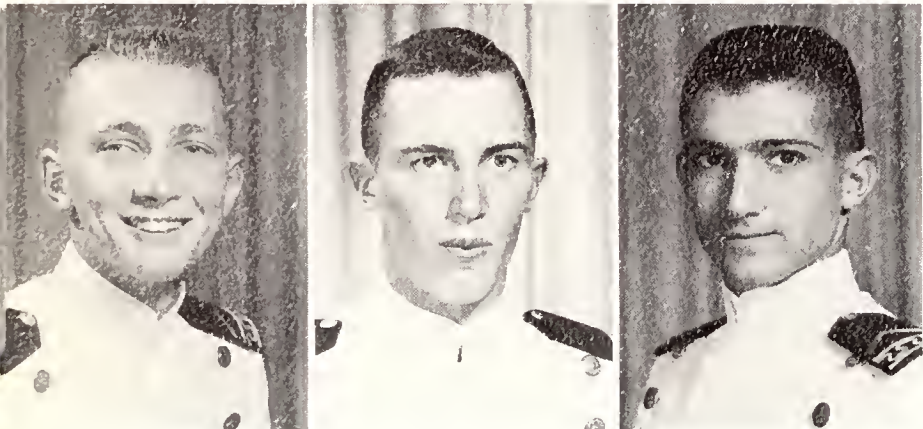




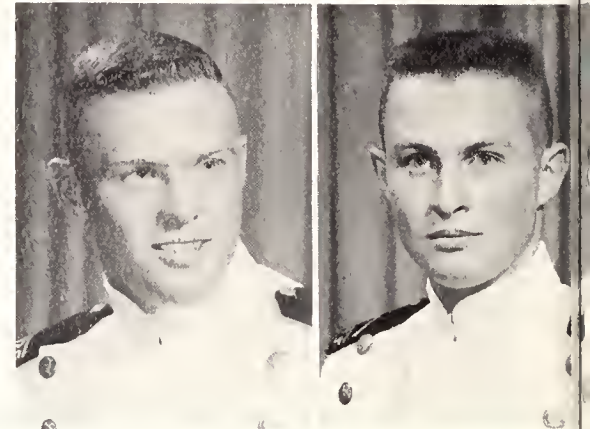
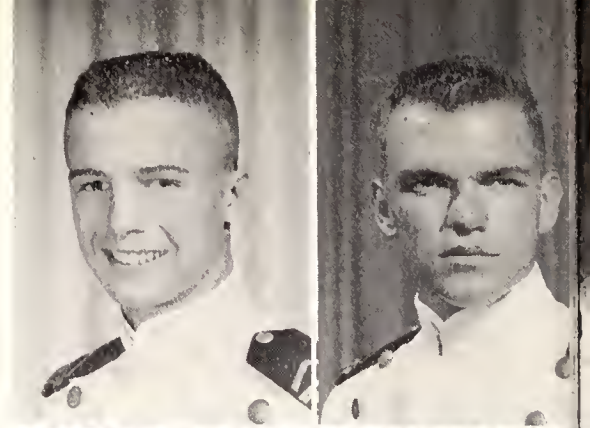
Robbins, W. G.
Robinson, P. K., Jr.
Robinson, P. D.



Roderick, N. F.
Roe, D. H.
Rogers, J. H., Jr.



Rokke, E. J.
Ryan, P. C.
Scauzillo, R. J.



Schaller, R. C.
Schoof, R. J.

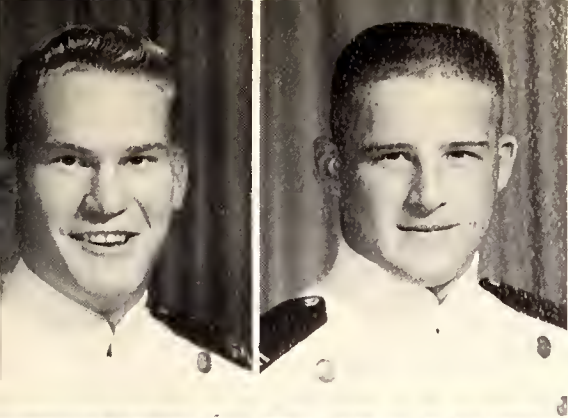
Schamberger, R. L.
Searl, C. W.

We took our first step on . . .

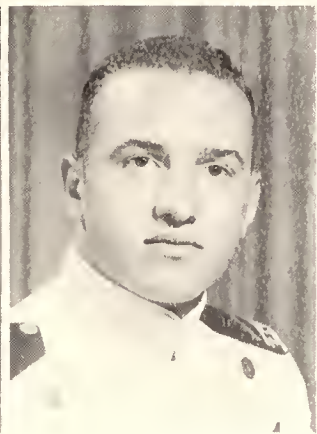
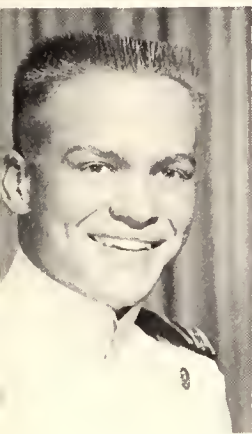
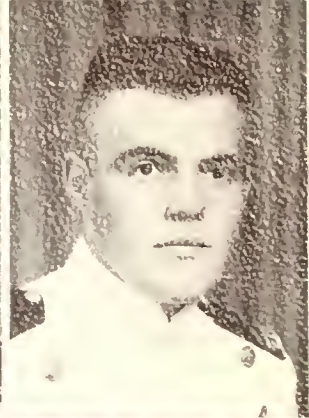


The long road to C.B.R. one-o-fives.

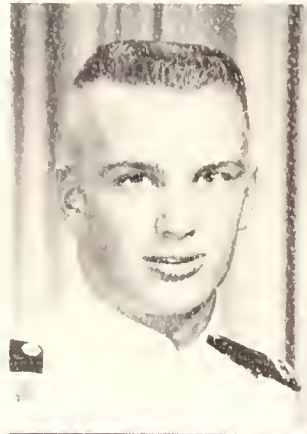




Sellers, D. A.
Shepperd, D. W.
Sher, F. P.



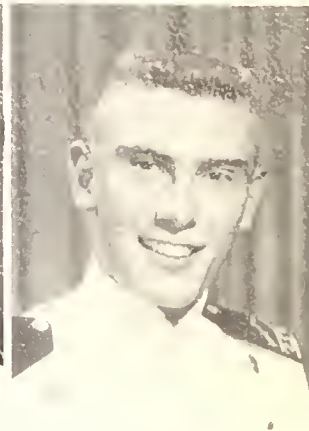
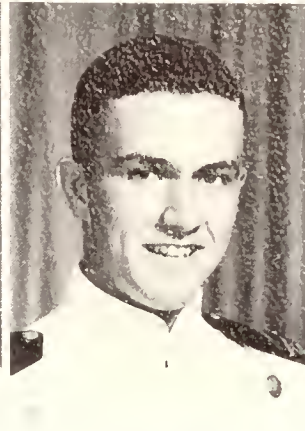
Sievers, R. I.
Sigman, A.
Singleton, J. A.



Schaumberg, R. S.
Seibert, N. F. A.

Schieber, M. T.
Sell, R. H.

Smith, F. K.
Smith, J. L.
Smith, J. E.



As you were on the last number — make it one-o-tuos!

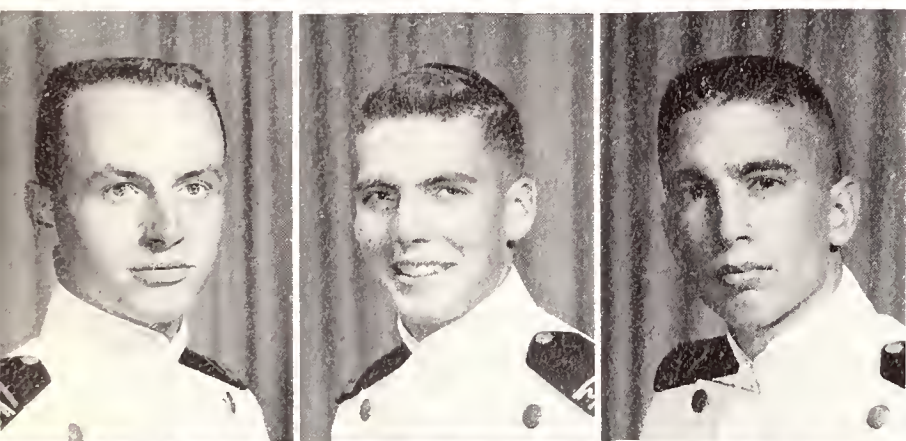




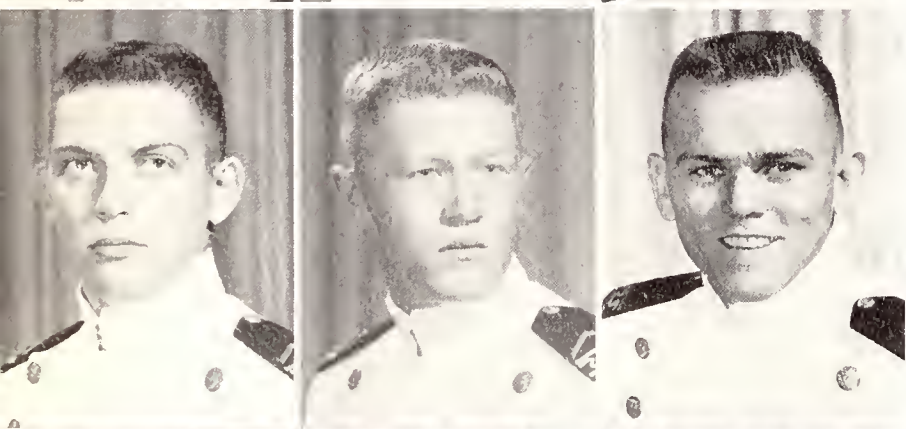
London has its "Big Ben" — AFA too.



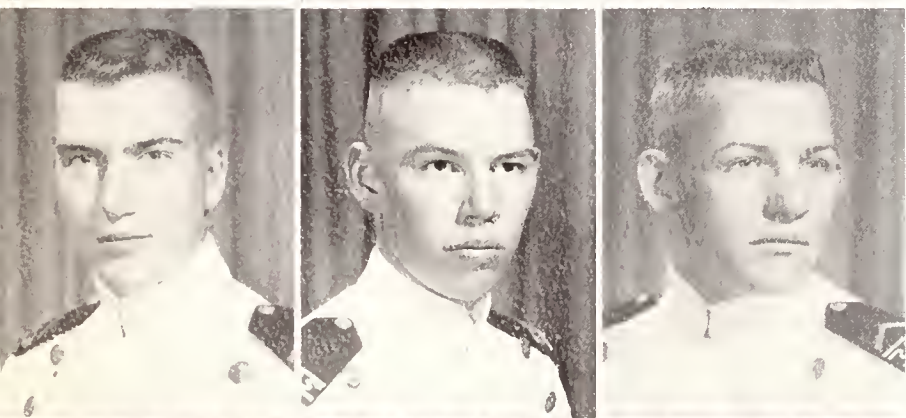
Speakin' of Europe —



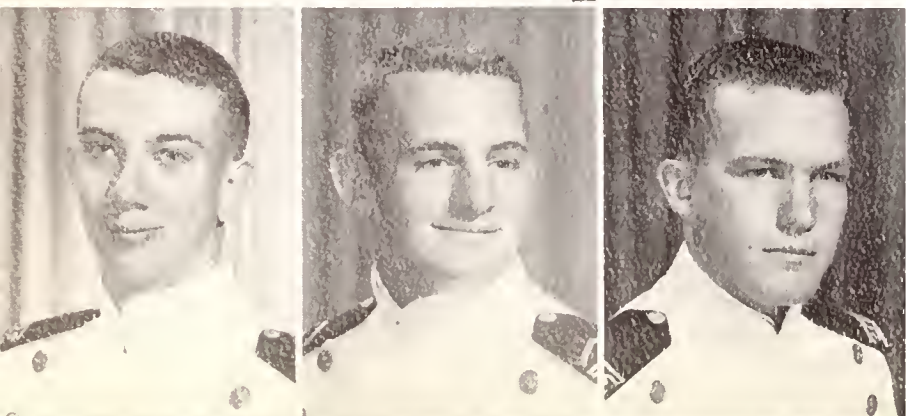
Smith, M. D.
Smith, R. T.
Smull, R. N.



Snyder, W. D.
Soland, N. R.
Spicer, E. L.



Spory, R. M., Jr.
Stafford, R. W., Jr.
Staib, R. L.

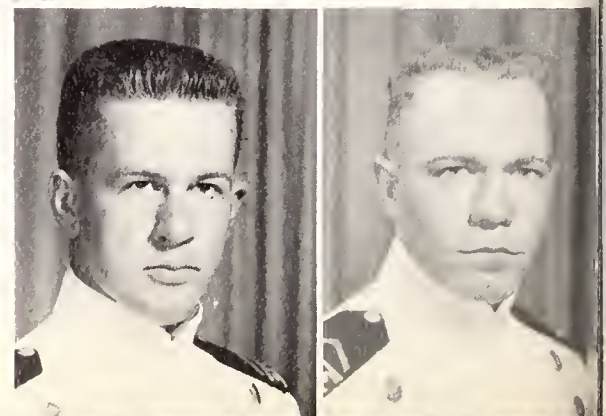
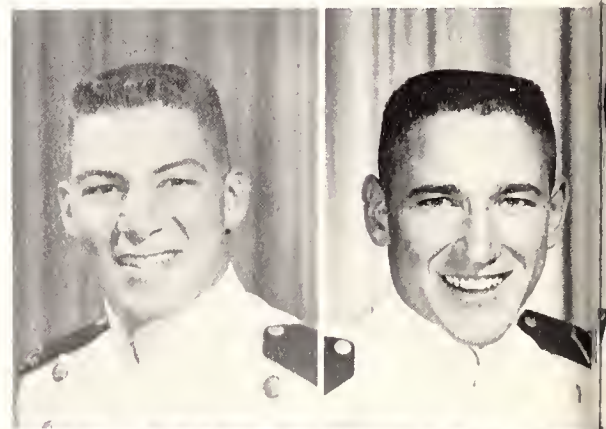


Stanton, E. J.
Staples, J. R.
Starkey, J. L., Jr.



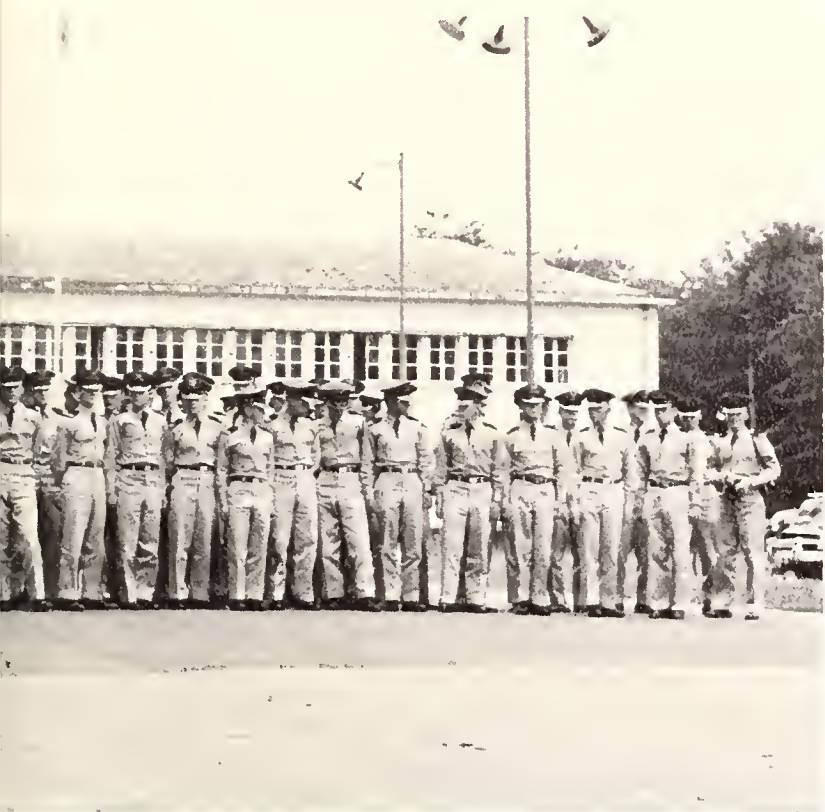
Summerfelt, M. F.
Taylor, R. L.

Svitenko, L.
Taylor, R. G.



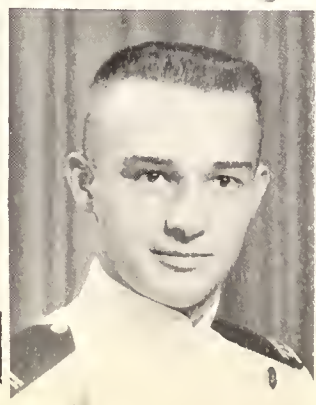
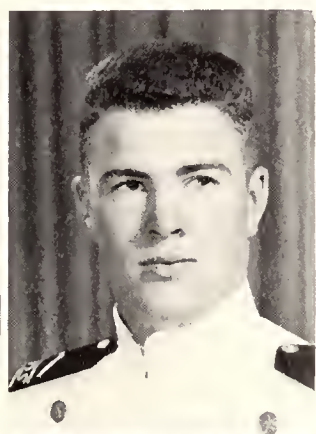
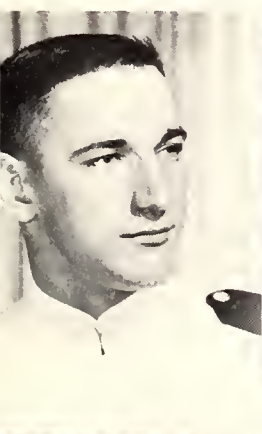


Try this shape for size.



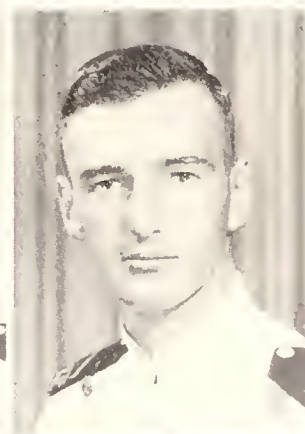
Svitenko, L. C.
Thompson, G. M.

Swonson, J. C.
Tice, C. D.

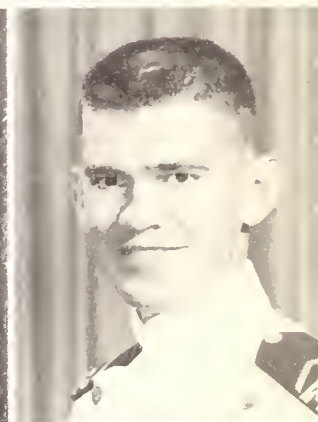
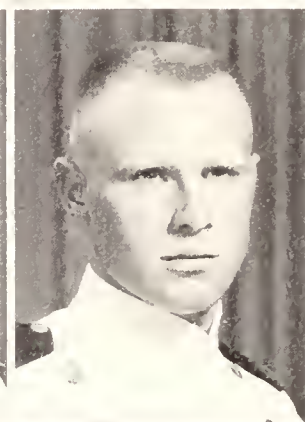
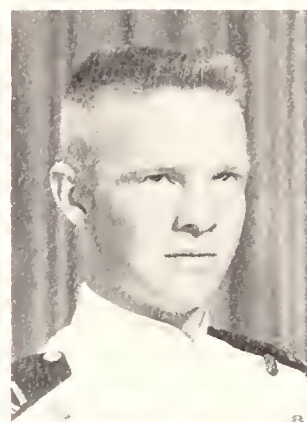


Landan's Defenders — 15 years later.

Tietge, M. R.
Tocado, D. M.
Toffel, G. J.



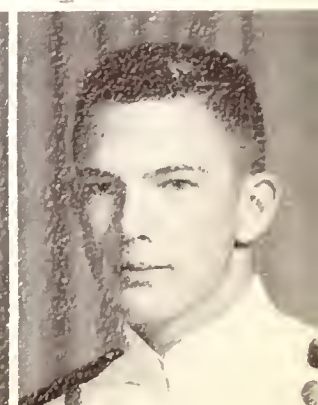
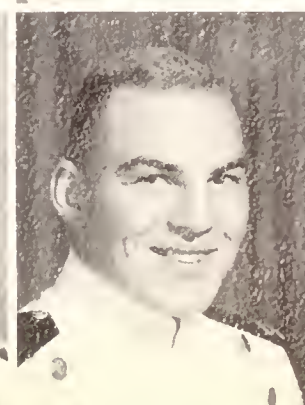
Tomlin, T. N.
Travis, D. T.
Tubbs, R. C.



Tupper, N. G.
Turner, C. L.
Urban, F. R.

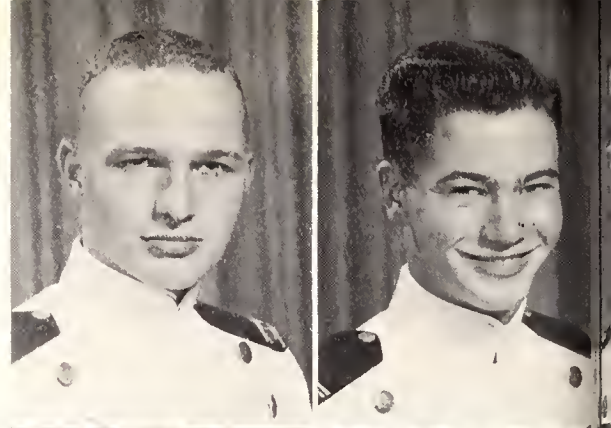


Van Roo, J. R.
Vaughan, D. K.
Viccellio, H.

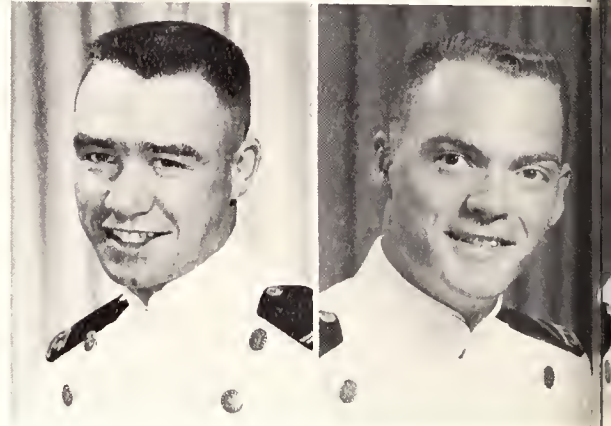




Watson, D. D.
Weatherhead, H. J.
Wedemeyer, A. C.

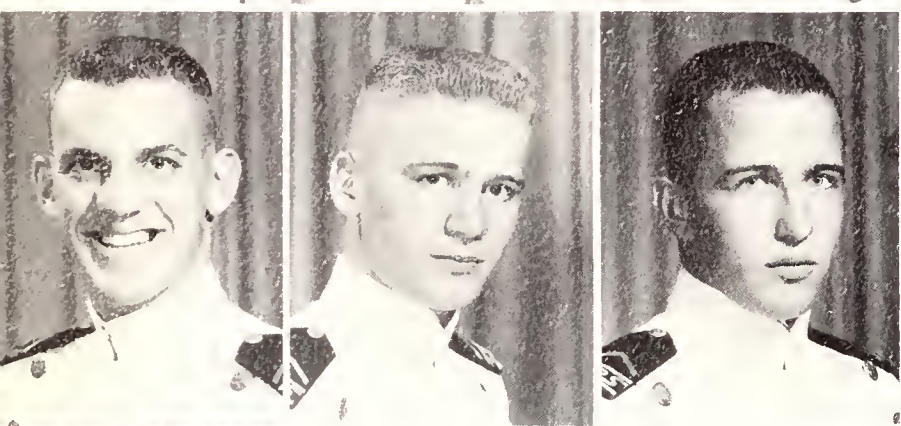


Weight, R. H.
Westhorp, D. C.
Wheeler, E. D.

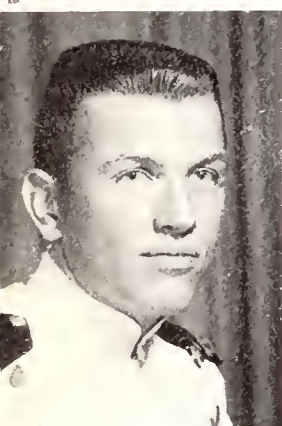


Williams, M. R.
Wilson, L. E.

Williams, R. A.
Wilson, M. A.



Wheeler, R. C.
Whitman, D. S.
Whitted, J. M.



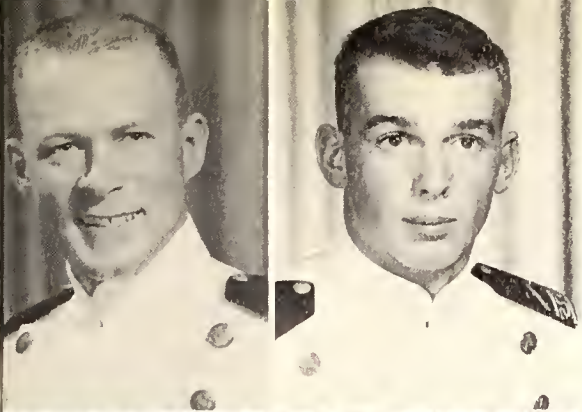
Wicklein, W. A.

The watch on the Rhine.

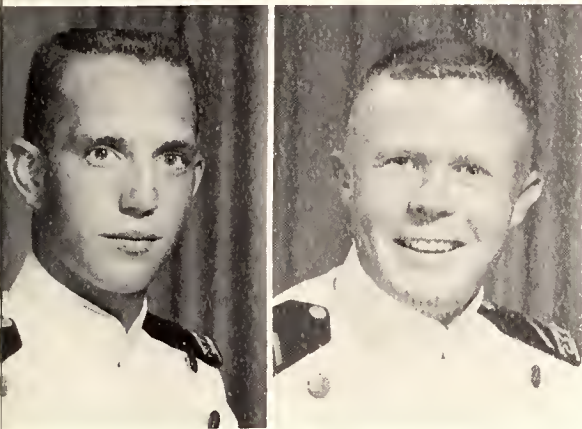


"Blue-Blooded Tigers" in Europo.

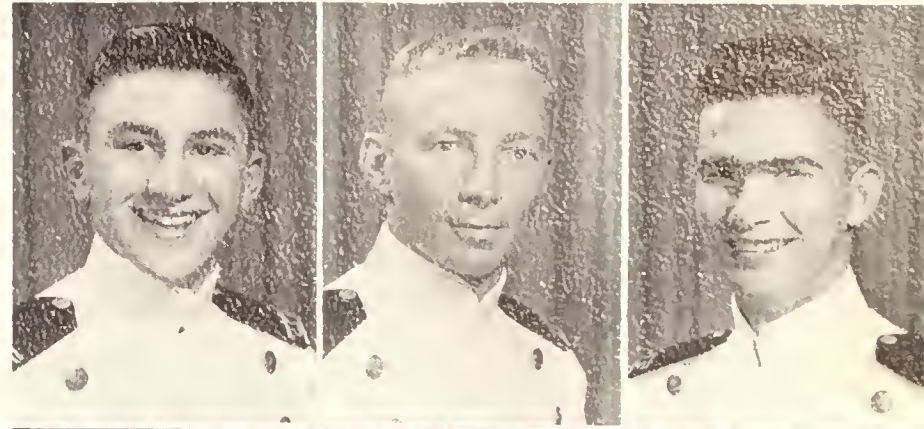




Wood, J. M.
Wood, V. M.
Wood, W. S., Jr.

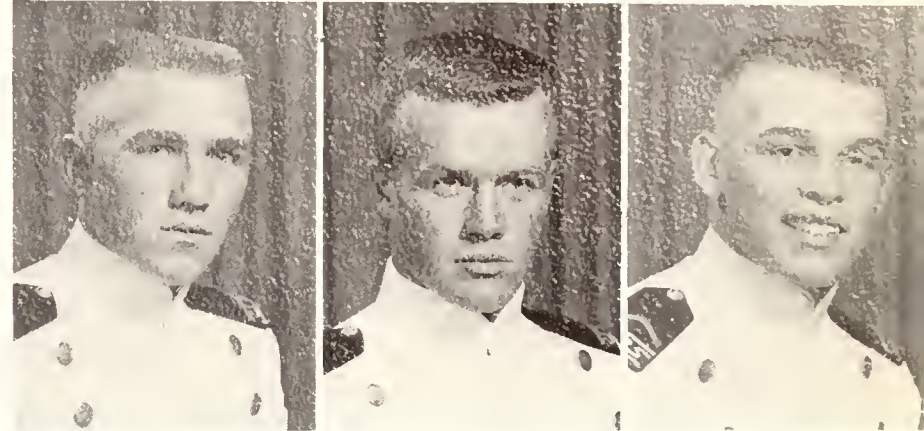


Woodworth, C. E.
Wright, L. L., Jr.
Wylie, A. R.



Wilson, G. D.
Wise, J. M.

Wilson, G. S.
Wood, D. P.



Young, G. T.
Young, J. J., Jr.
Zaleski, J. R.

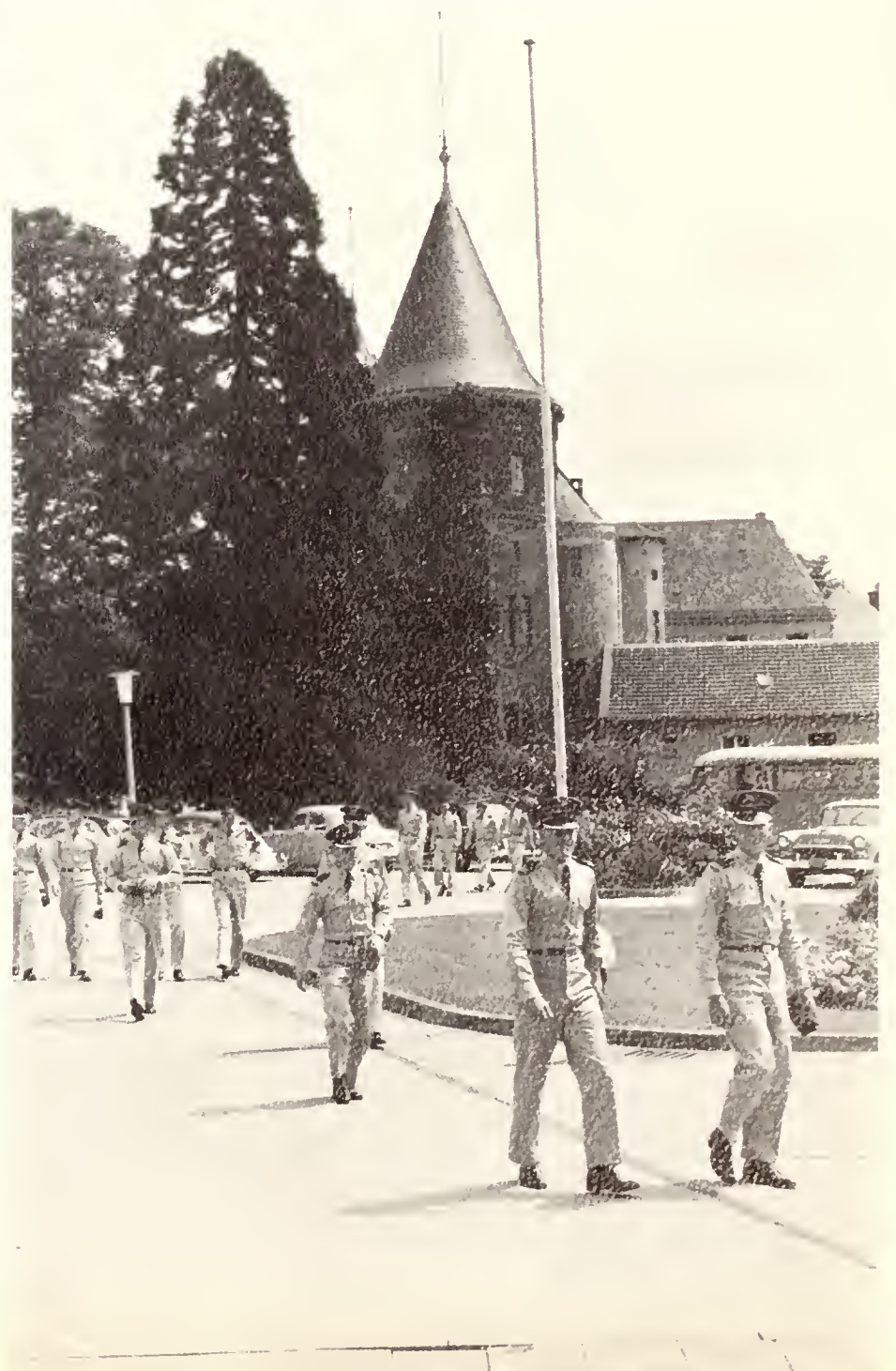
Lockheed à la Deutschland . . .

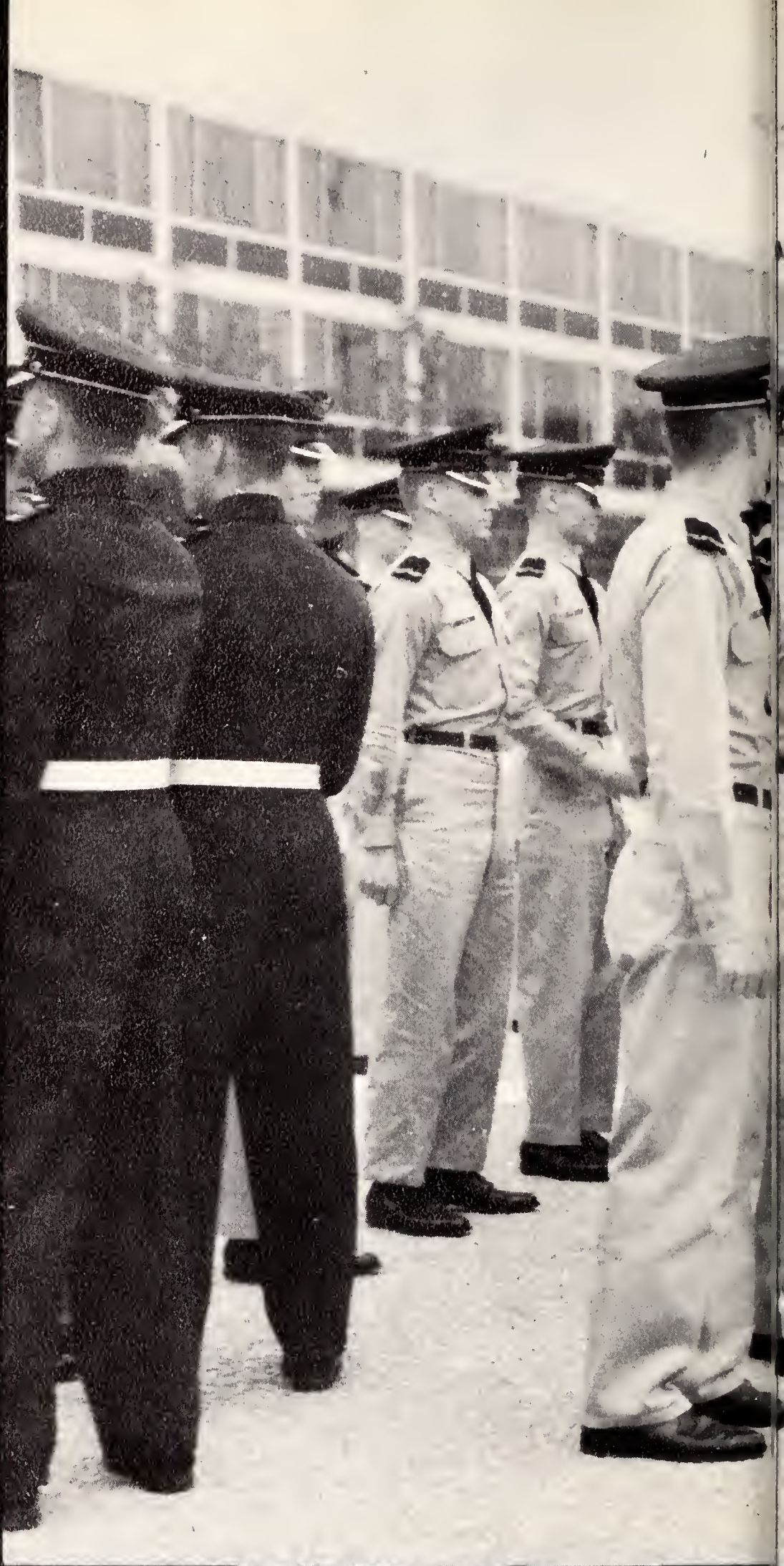


Mit der "hercul-hund."



House w/pointed roof.



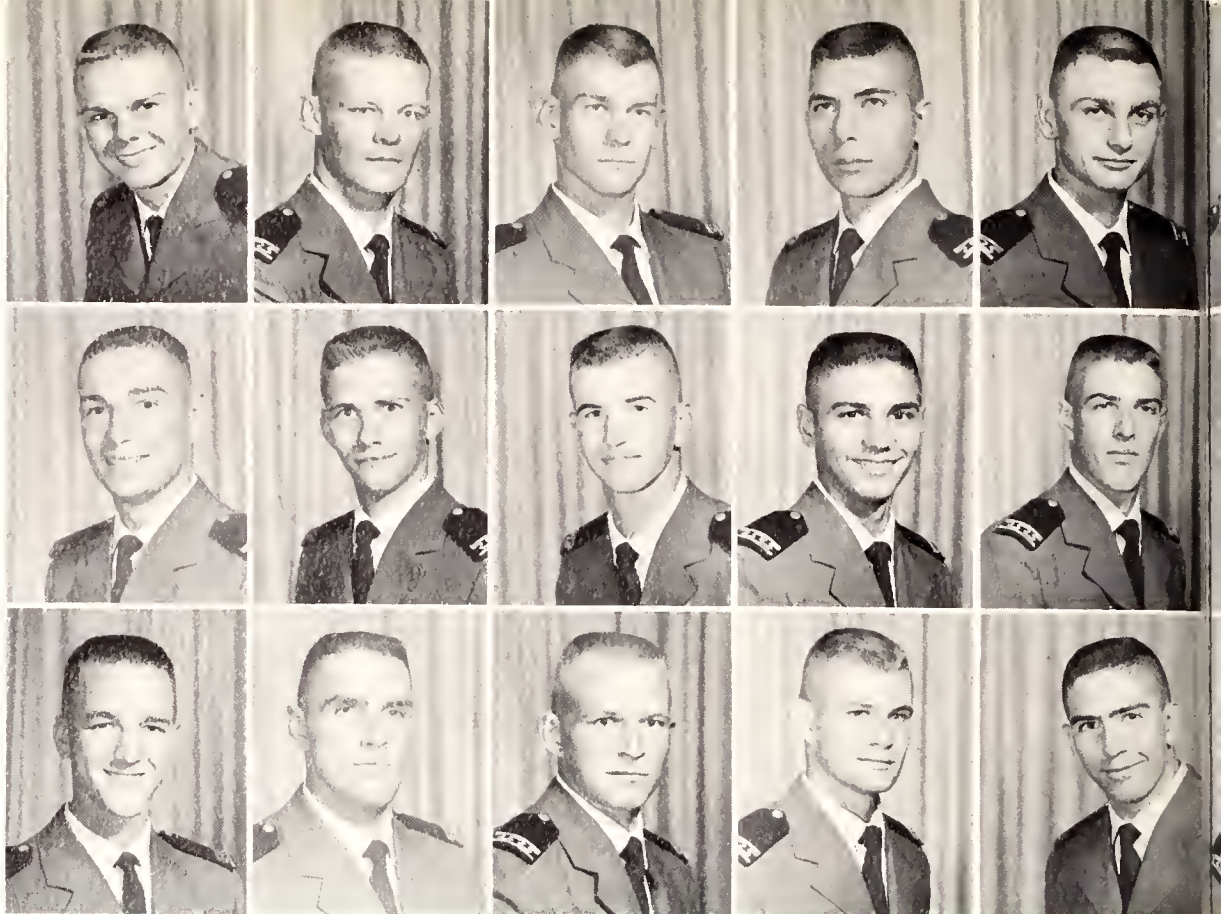




Class of 1963



Moving in.



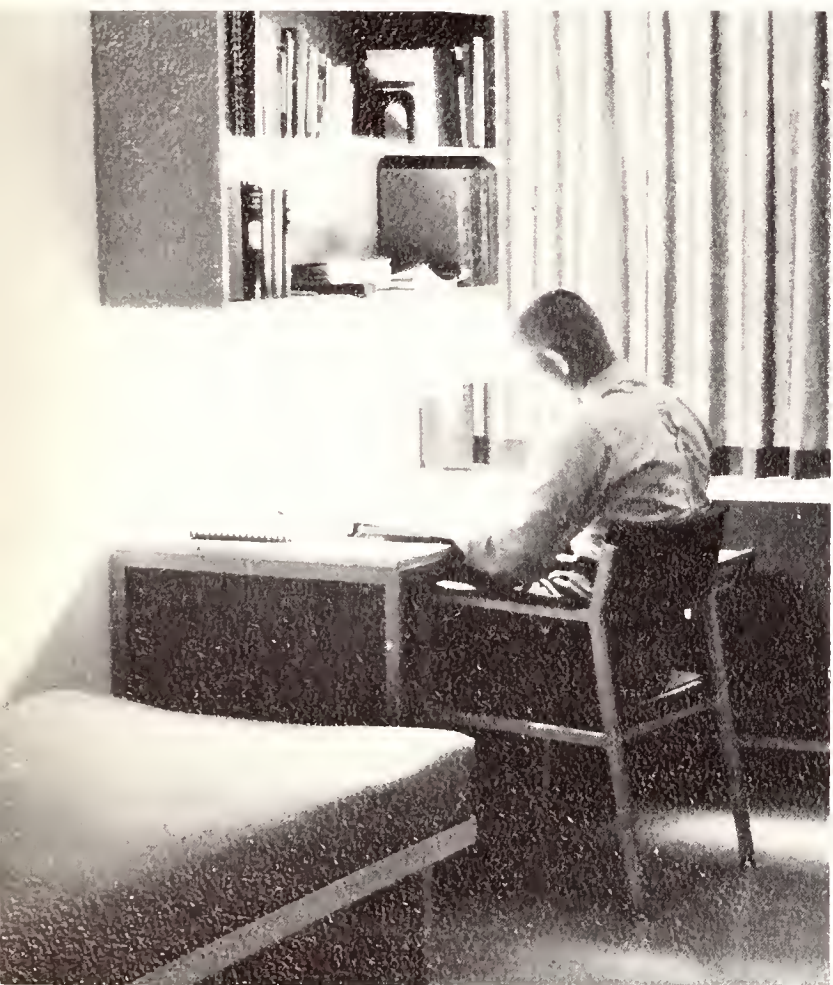
Ackley, F. W.
Anderer, A. M.
Arnold, R. L., III

Adams, A. P.
Anderson, R. A.
Arshinkoff, N. T.

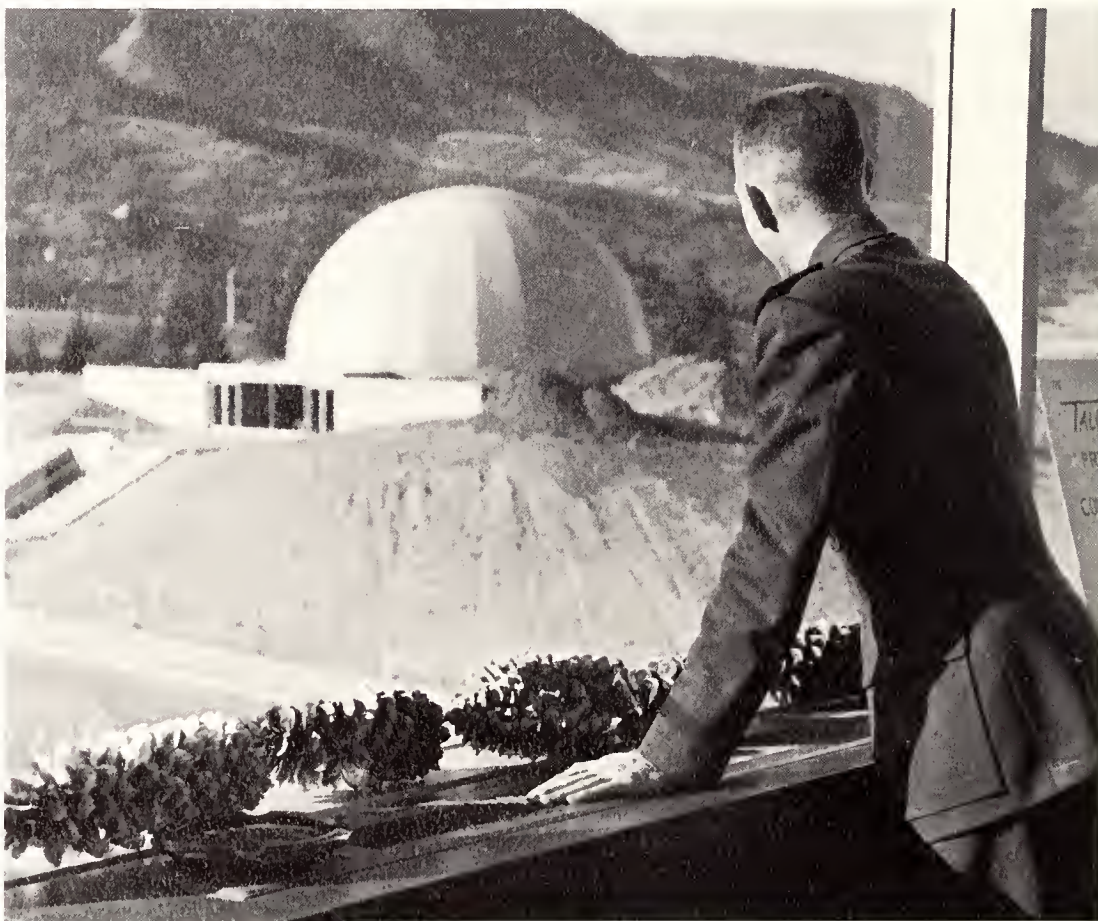
Adams, L. A.
Anderson, D. L.
Aspelin, E. B. W.

Adinolfi, J. D., Jr.
Anderson, L. B.
Ayers, W. C.

Allburn, J. N.
Andros, R. R.
Auletta, B. F.



The answer is intuitively evident . . .



From inside out.

Baker, W. R.
Boeck, D. J.

Ball, W. J.
Bogaert, J. R.

Barnes, G. L.
Bohlin, E.

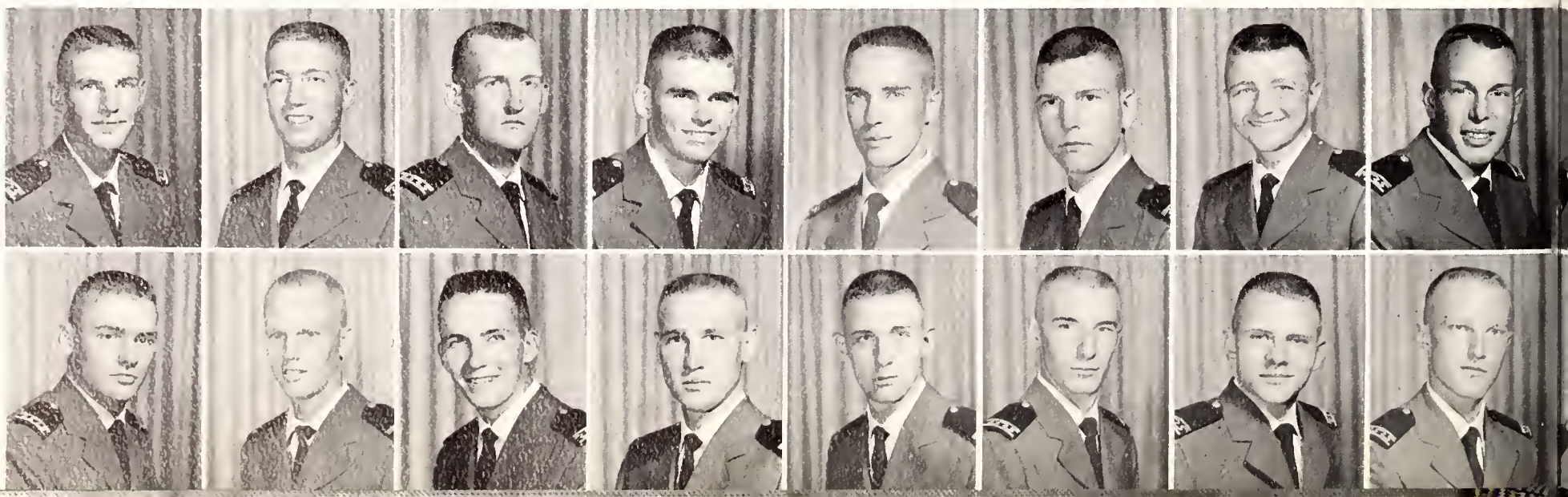
Barrett, F. L.
Borland, M.

Barry, W. A.
Borling, J. L.

Bartlett, B.
Bornzin, G. O.

Bauer, F. C.
Boswell, E. T.

Beauchemin, A. E.
Bouchard, J. S.





Allen, H. R., Jr.	Allen, U. S.	Ammerman, D. E.	Ammons, P. G.	Anderberg, M. R.
Anway, M. D.	Arbogast, T. D.	Arceneaux, J. F.	Arden, W. E.	Armbrust, P. H.
Babcock, P. G.	Bartaitis, P. F.	Backus, L. A.	Bacue, R. H.	Bain, W. W., Jr.



To pass — or not to pass. . . .



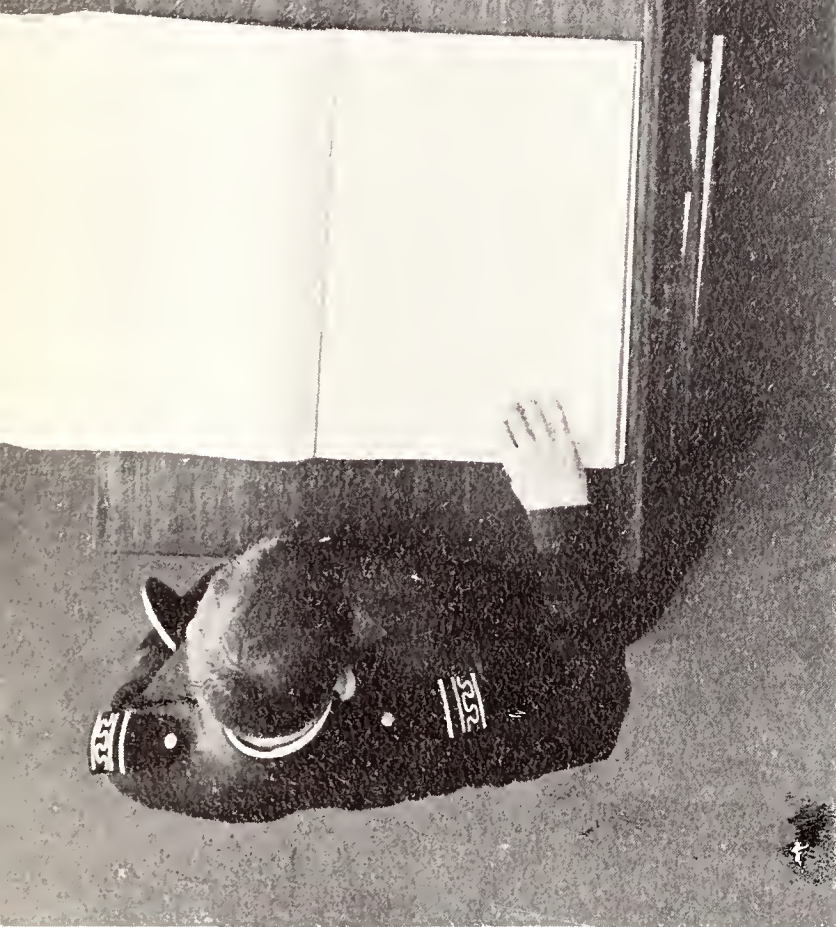
"Neither rain nor sleet nor dark of night. . . ."

Bellotte, J. E.	Bender, J. G.	Bessenhoffer, L. C.	Bielinski, B. T.	Black, F. A.	Bliden, V. J.	Bock, M. D.	Bodnar, J. J.
Bowers, J. K.	Bowes, R. H.	Boyd, A. A., Jr.	Bradshaw, M. F.	Breckenridge, R. A.	Bredvik, G. D.	Brenci, R. L.	Brittenham, H. M.





Brockhagen, B. J.	Broman, K. E.	Brooks, J. B.	Brown, R. M.	Browning, W. M., Jr.
Burns, T. V.	Burwell, J. C.	Bush, C. V.	Butler, J. H.	Butt, J. S.
Cardoza, T. J.	Carey, D. A.	Carlson, T. O.	Carnes, C. P.	Caruana, P. P.

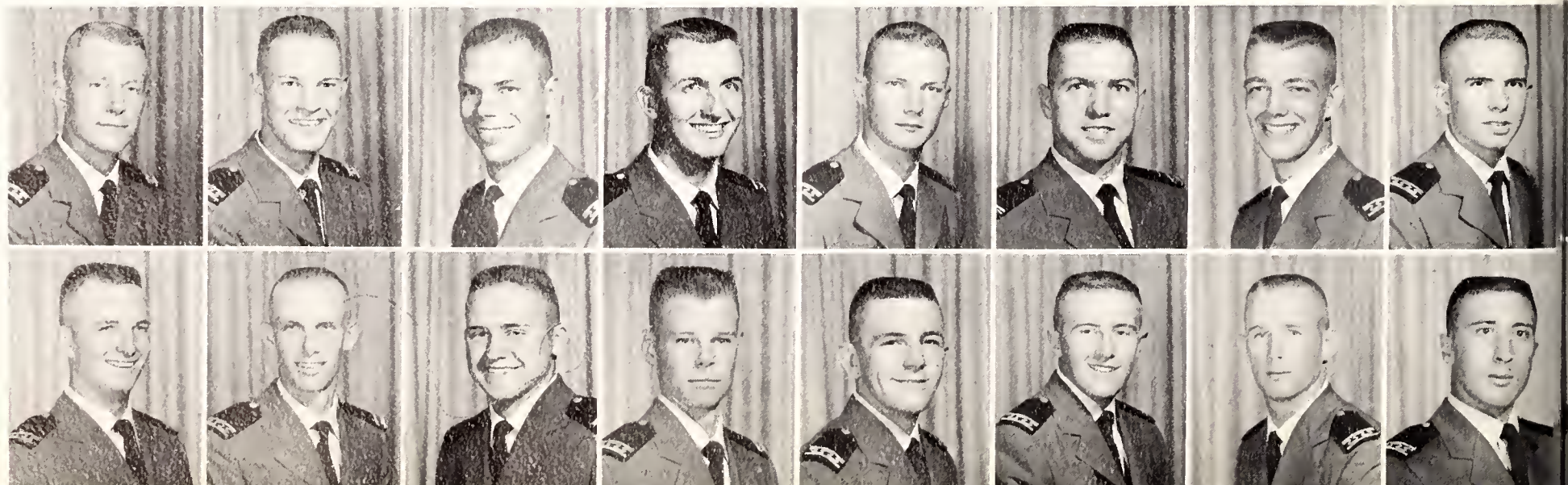


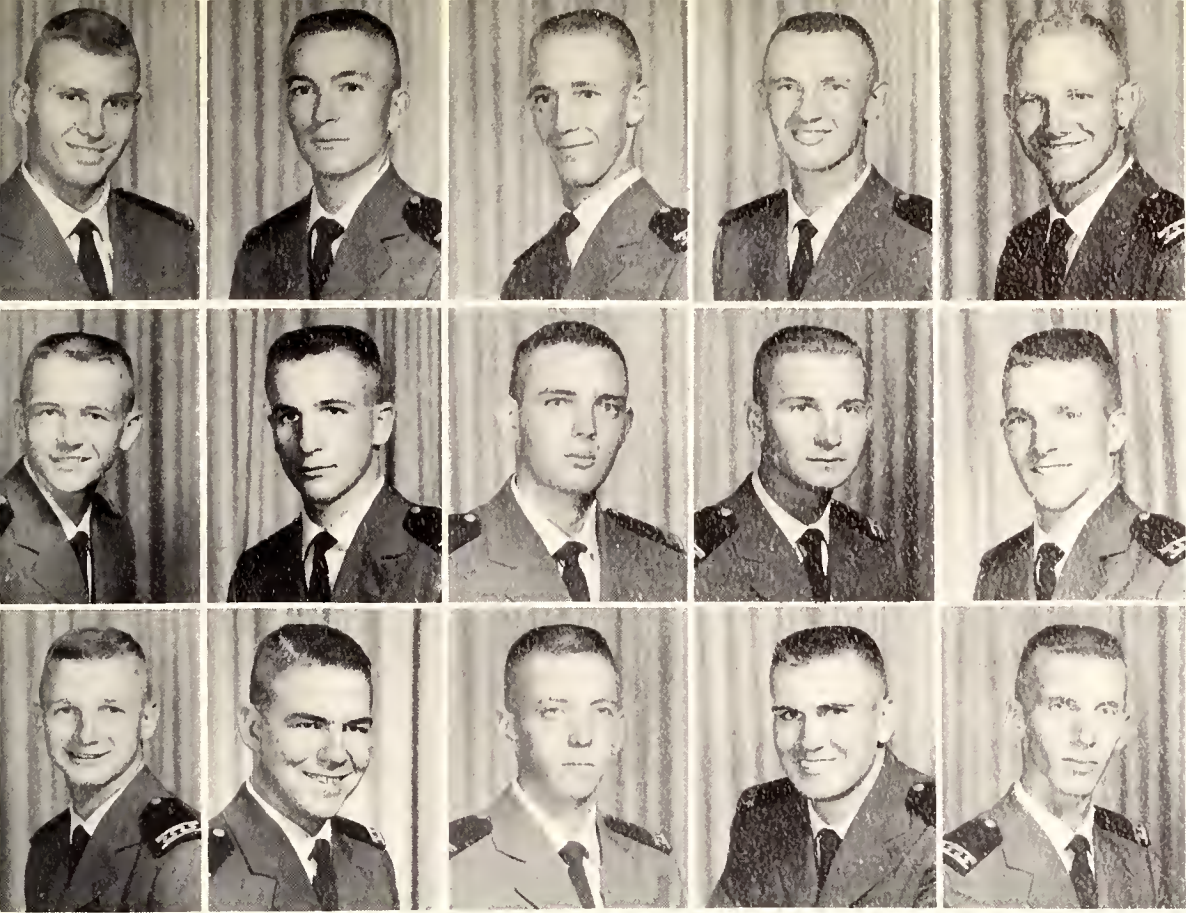
Angel views cadet.



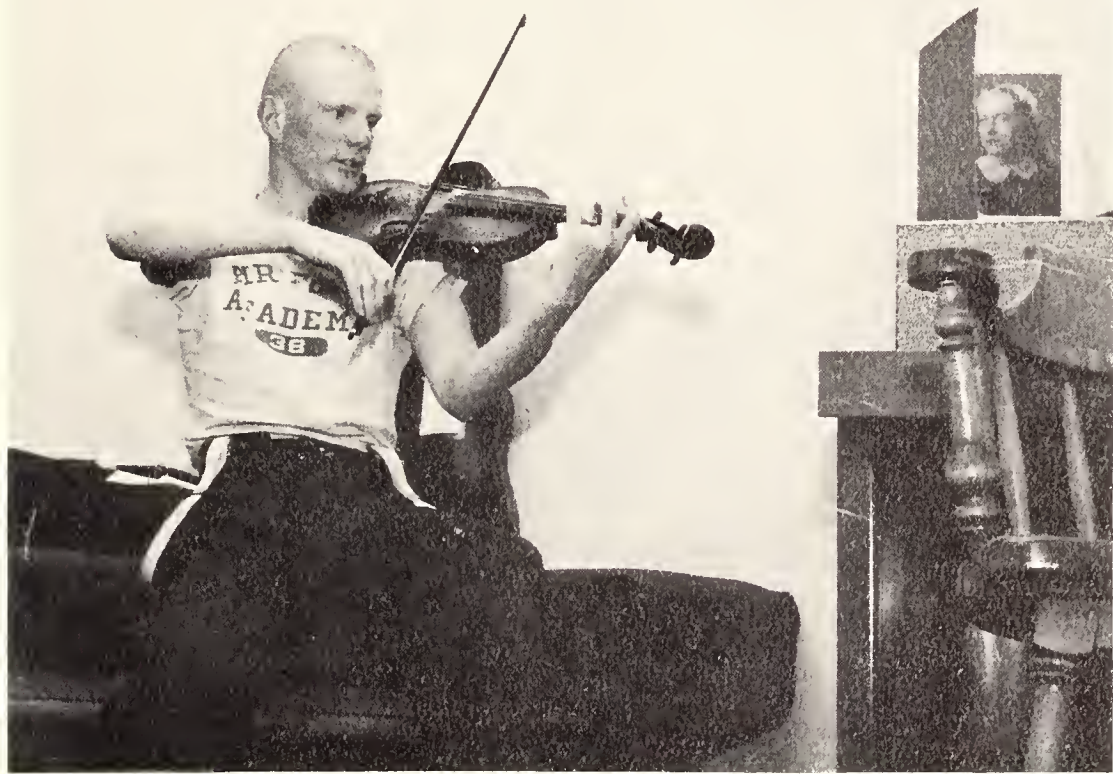
Winter scene — USAFA style.

Clark, R. D.	Clark, T. E.	Clavin, J. R.	Coates, J. L.	Coleman, H. O., Jr.	Conant, H. C.	Cooper, R. R.	Cottrell, R. L.
Davis, J. J., Jr.	Davis, M. J.	Davis, P. H.	Davis, W. C., III	Davoren, D. I., Jr.	Day, L. E.	Dean, M. R. F.	Deberry, D. L.

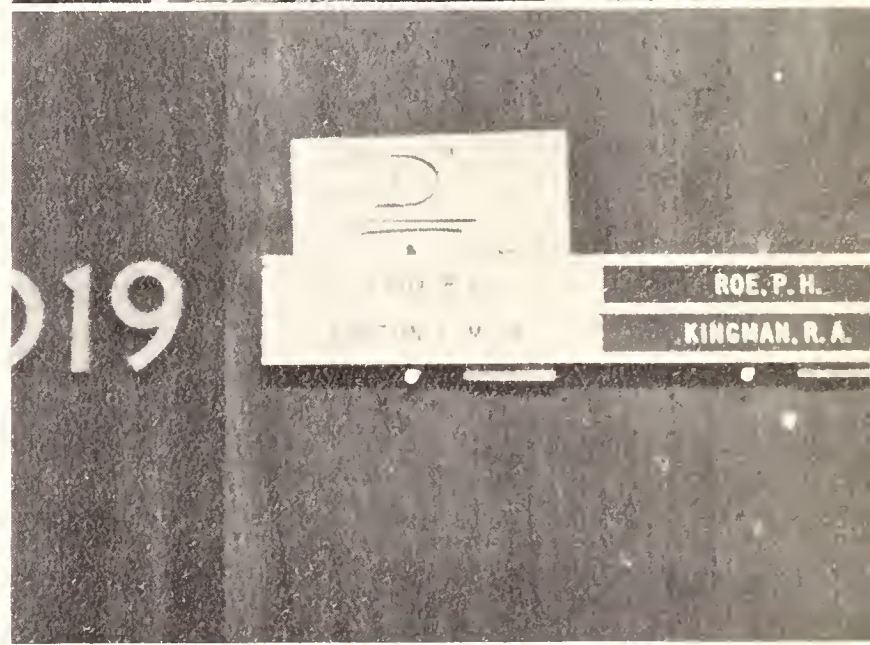




Bryan, R. E.	Bryant, W. F., Jr.	Bunce, R. L.	Bunker, P. G.	Burns, J. L.
Butterfield, D. H.	Byrne, D. N.	Byron, G. V.	Cubak, J., G., Jr.	Callin, G. D.
Cary, B. S.	Chapman, G. P.	Christy, M. T.	Chubaty, A. R.	Clack, R. H.

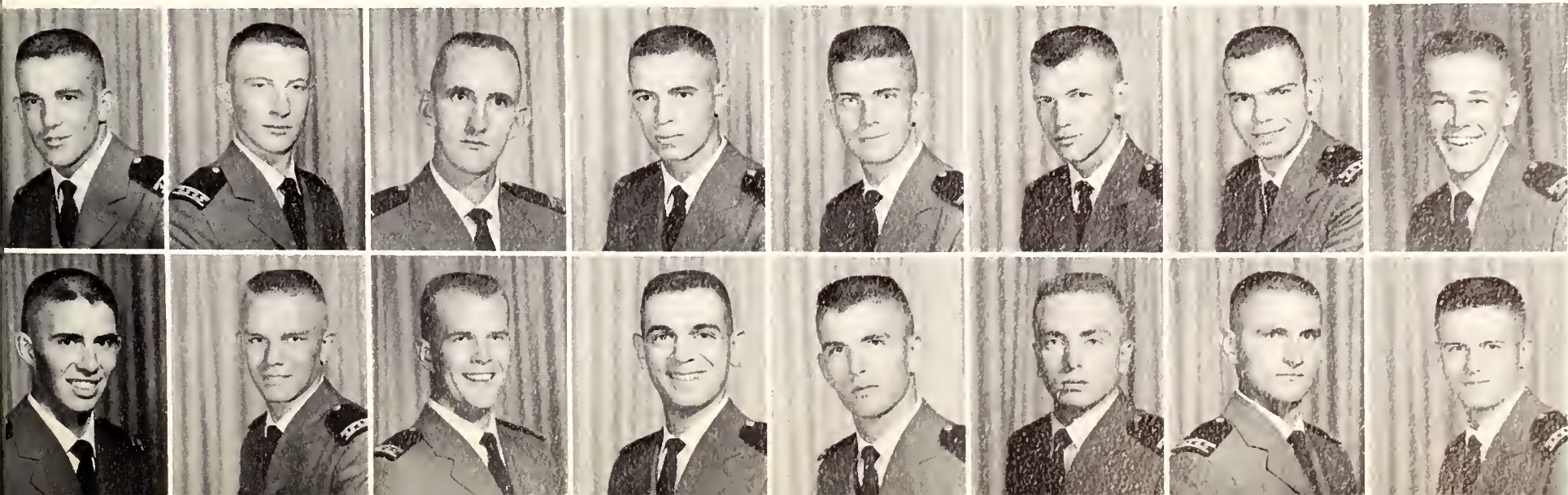


For the love of a girl . . .



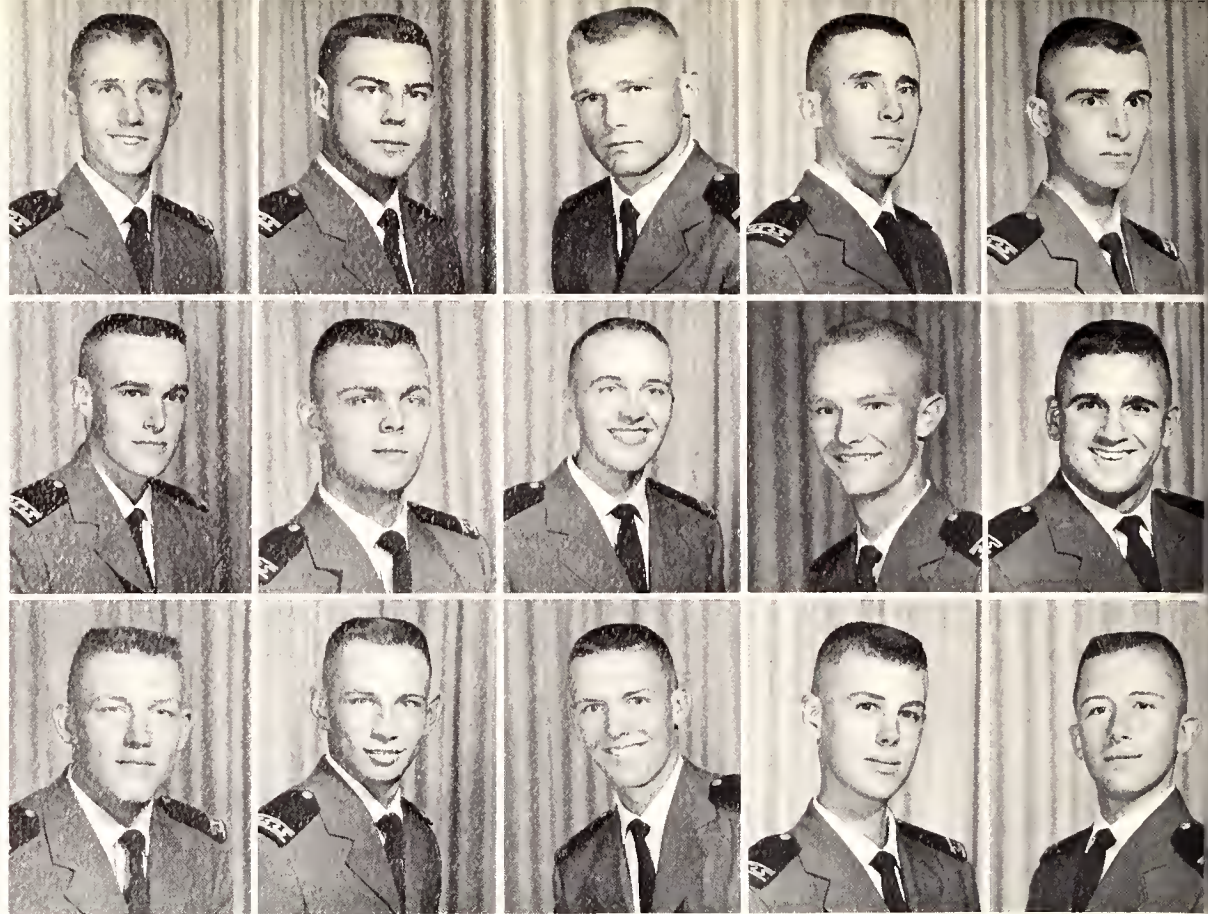
They got us all, sooner or later.

Cowder, J. R.	Cox, D.	Cox, J. J., Jr.	Culberson, B. P.	Dake, T. L.	Dale, J. J.	Daly, P. F.	Davis, E. T.
Dee, W.	Degerman, R. L.	Deilke, R. W.	Deluca, J., Jr.	Denend, L. G.	Derieg, T. F.	Desanto, R. J. W.	Diesem, J. L.





Good will to men.



Dietz, D. R.	Diffendorfer, J. H.	Donahue, J. P.	Donahue, L. F.	Donovan, R. B.
Driscoll, J. D.	Drucker, P. A.	Dunn, A. D.	Durham, T. A., Jr.	Dyer, J. M.
Eckles, D. L.	Edwards, J. L.	Egeland, D. M.	Eggers, J. A.	Ekman, L. C.

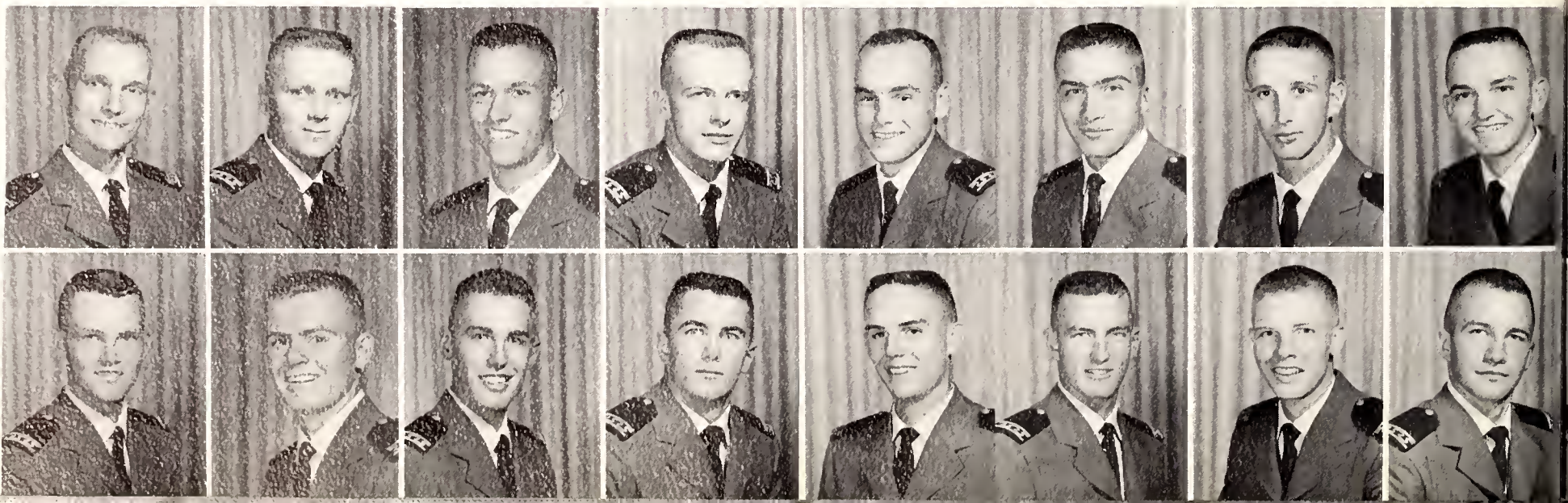


To the victors



How frightfully possé.

Evans, J. T., Jr.	Fain, J. A., Jr.	Fairhurst, N. G.	Falkner, R. V., Jr.	Fanning, W. J., Jr.	Fausey, J. O.	Featherston, S. F., Jr.	Fendelander, D. D.
Foley, R. M.	Foley, W. T.	Fox, J. M.	Fox, T. J.	Frailey, H. V.	Francis, J. J., Jr.	Frederick, B. B.	Frederick, G. L.

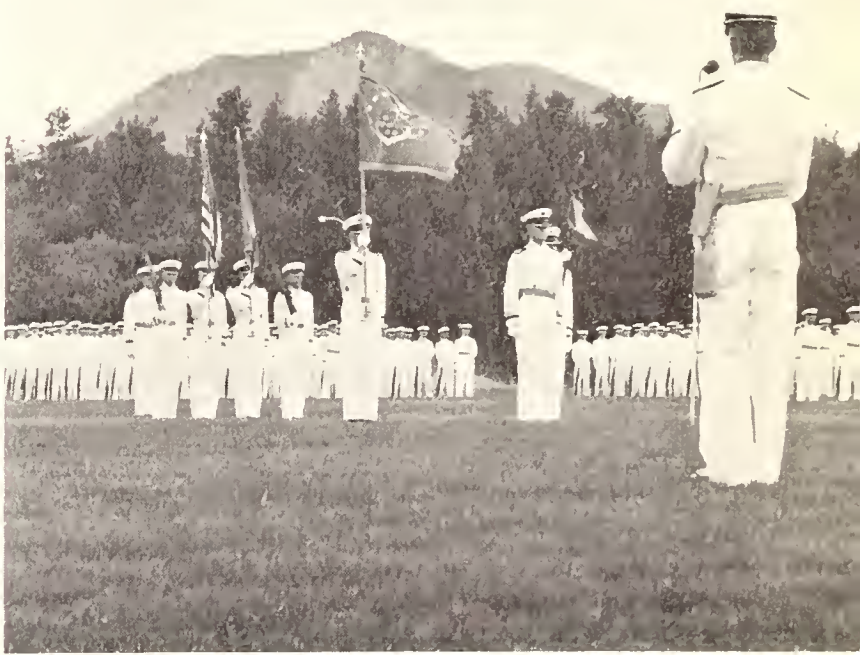
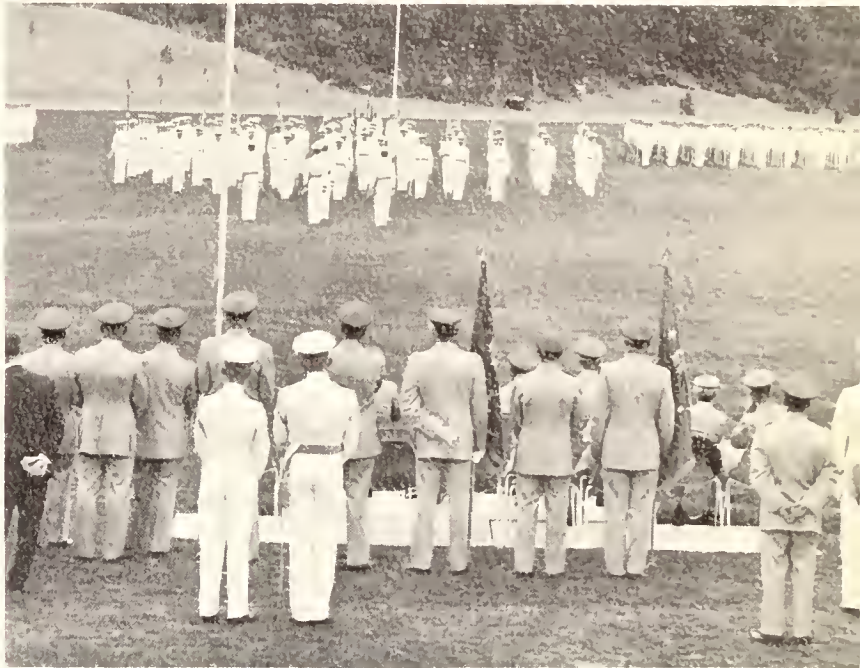
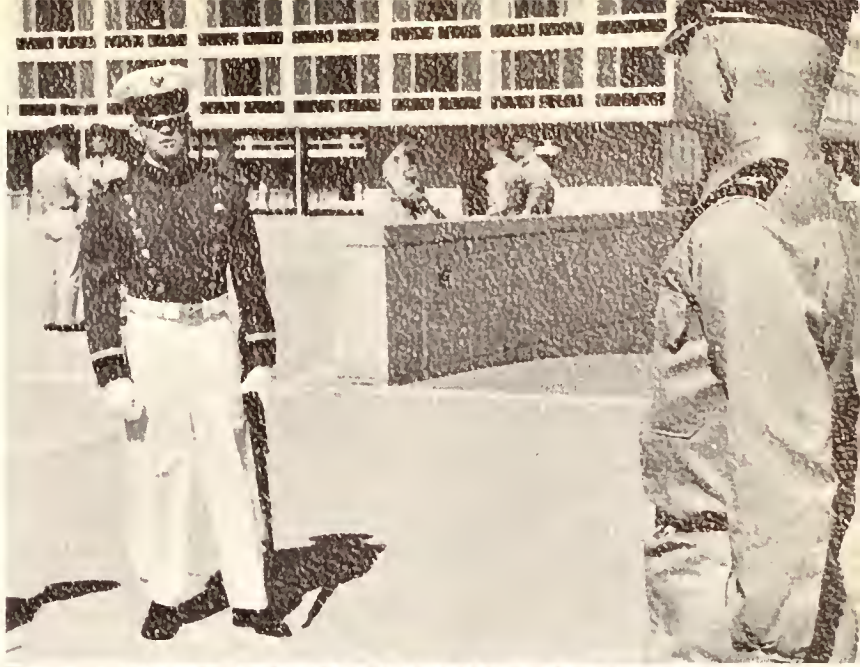




Dotson, R. S.	Dougan, D.	Dougherty, J. J.	Downing, L. E.	Doyle, W. C.
Dysart, J. K.	Eastcott, M. E.	Eastman, L. R.	Ehert, W. L.	Eckelkamp, V. C.
Eigel, W. C.	Elfers, J. E.	Elliott, W. J.	Emmert, R. M.	Evans, A. S., Jr.

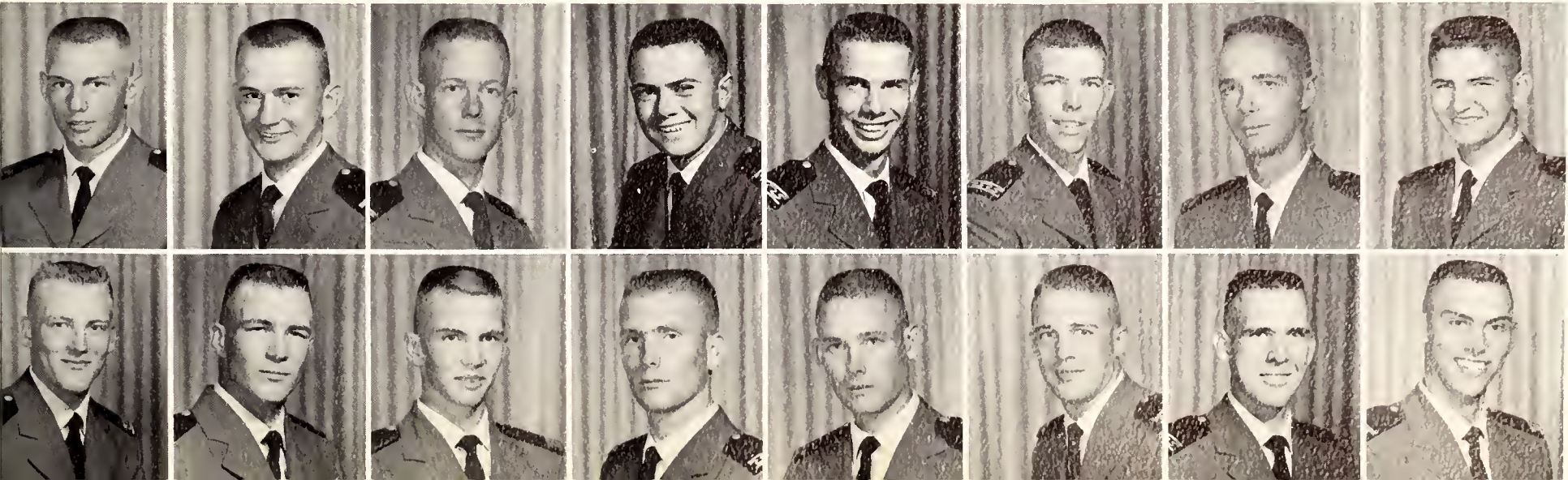


The breather before the show . . .



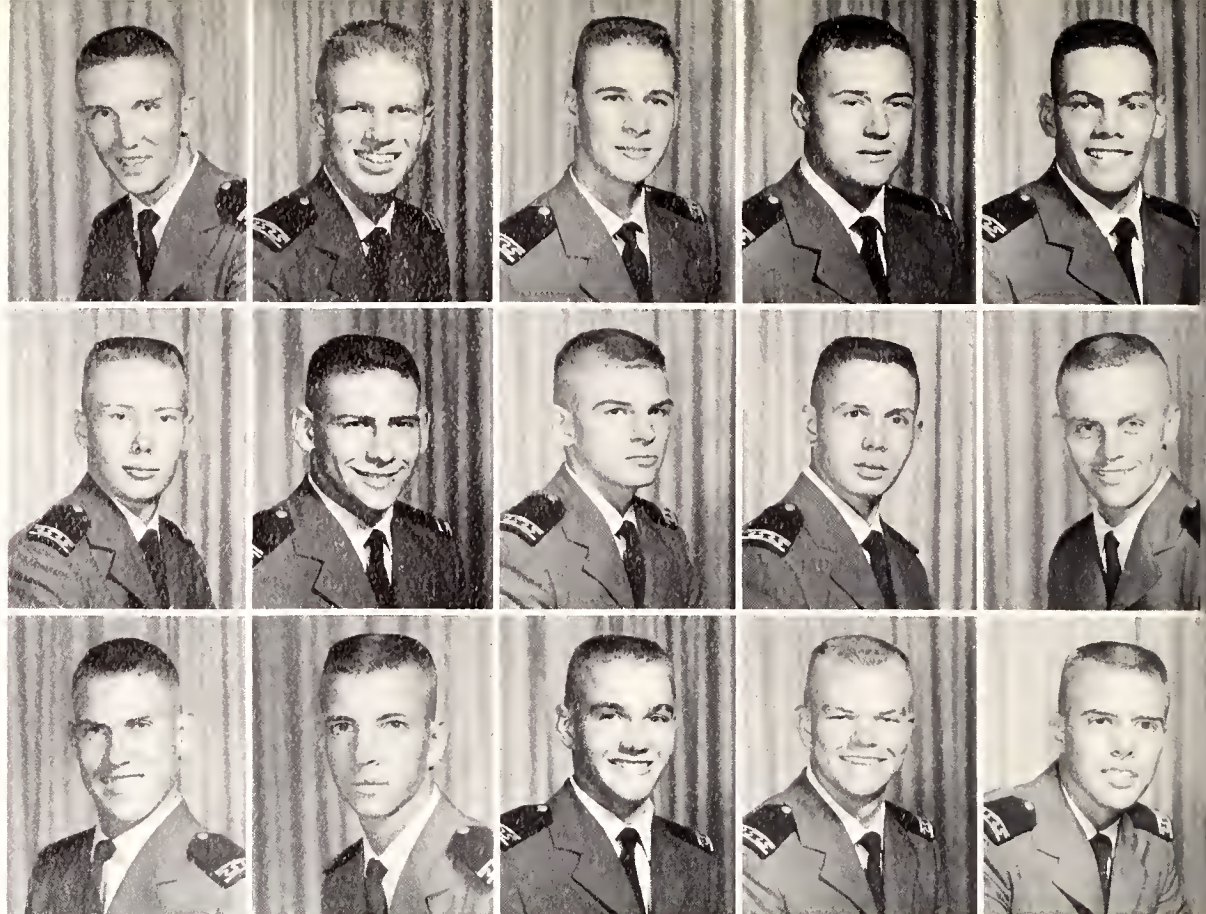
And what a show.

Fenske, S. V.	Ferency, R. J.	Ferguson, M. L.	Fiedler, T. J.	Flanagan, W. F.	Flynn, J. W.	Flynn, W. J.	Fogleman, R. R.
Freeland, M. L.	Freiman, W. H.	Frostic, F. L.	Fryer, T. A.	Fuller, R. R.	Fullerton, A. W.	Gabel, W. E.	Gallagher, T. N.





At length we found our El Dorado.



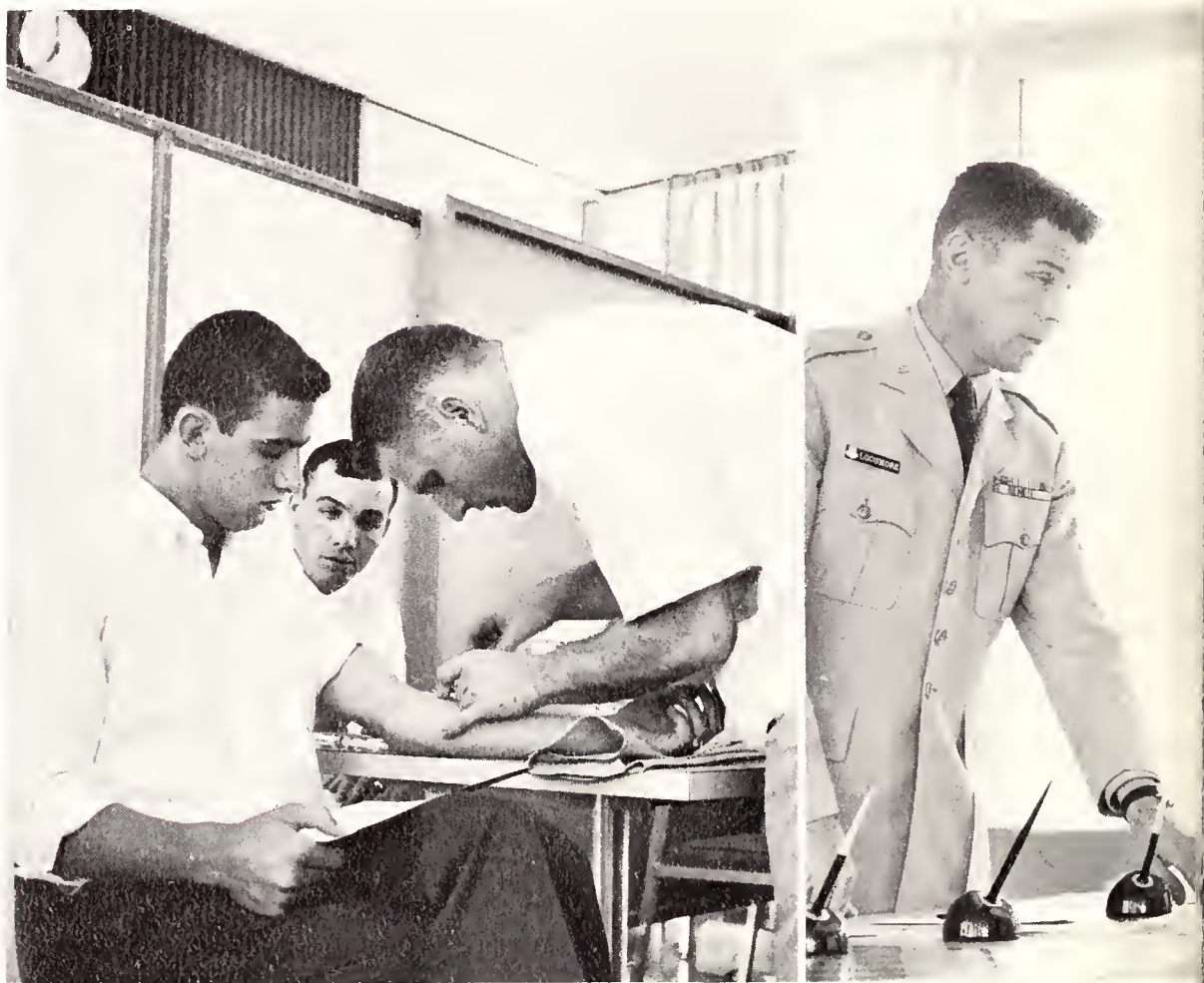
Gardner, H. W.
Goodell, R. W.
Green, W. T.

Gaston, J. C.
Goodman, J. D.
Greenfield, J. L.

Gaulke, G. W.
Goold, M. D.
Greer, G. W.

Gavin, L. J.
Gordon, D. L.
Grizzle, K. H.

Gebhardt, C. L.
Gordy, T. O.
Groves, W. C.



It's in here somewhere!

Right there on the dotted . . .

Habura, D.
Hardgrave, G. D.

Hagar, H., Jr.
Harley, W. M.

Hall, J. H.
Harmon, L. C.

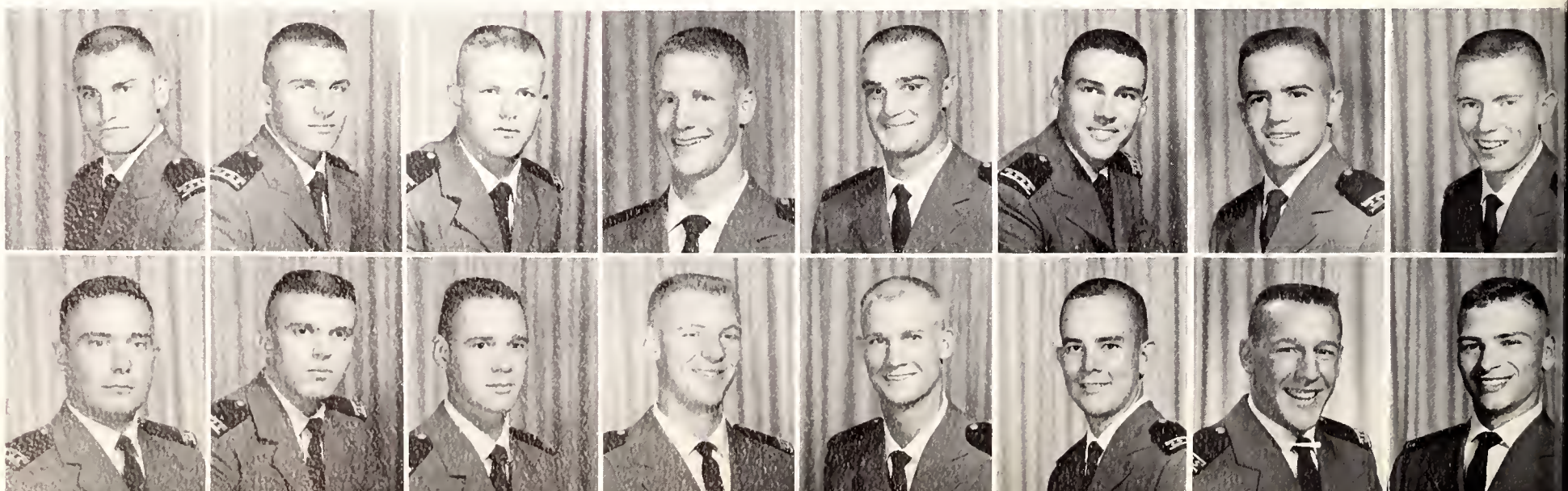
Hall, R. W., Jr.
Harris, R. D.

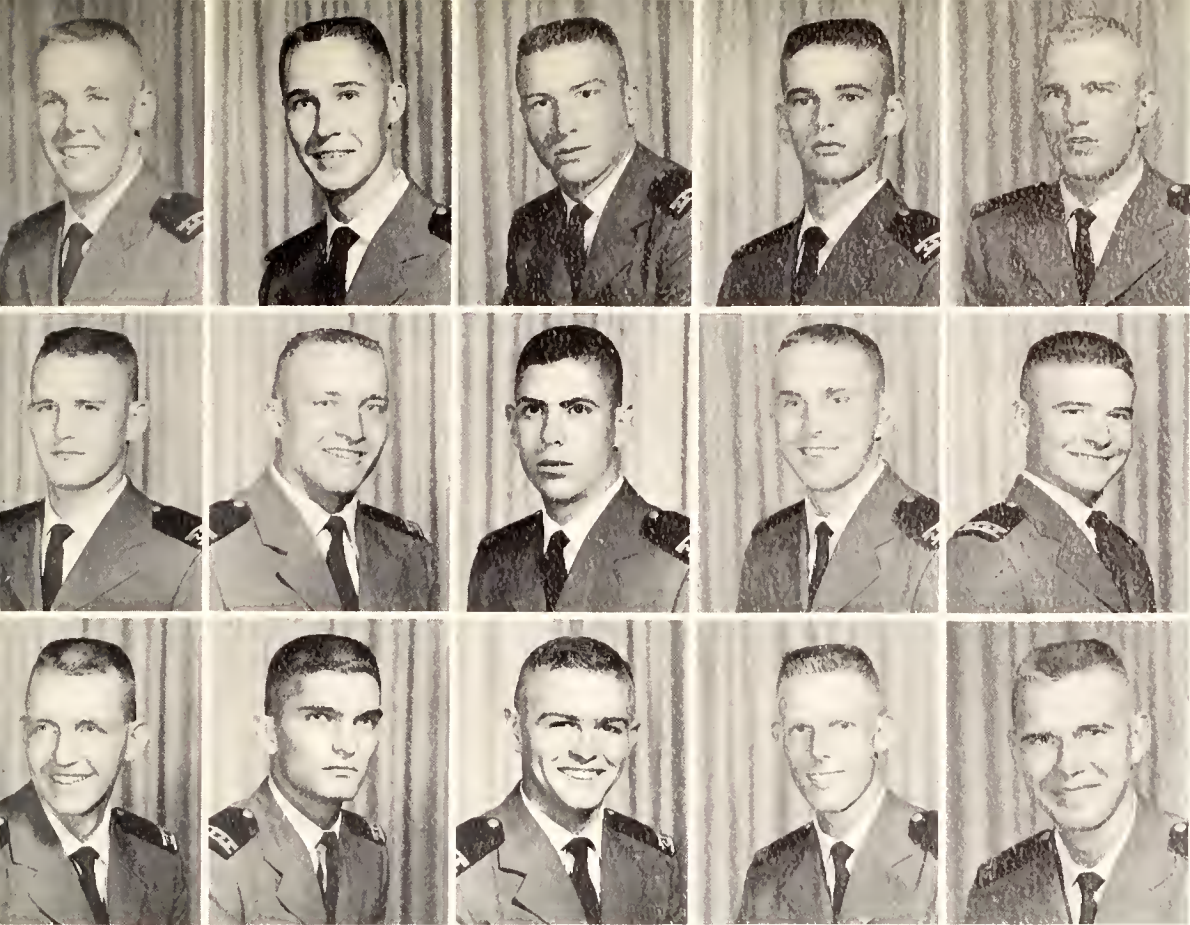
Halley, G. W.
Harris, W. C.

Halligan, J.
Hart, E. C., II

Haluska, J. J., Jr.
Hathaway, J. H. V.

Hamilton, R. A., II
Hauser, J. P.

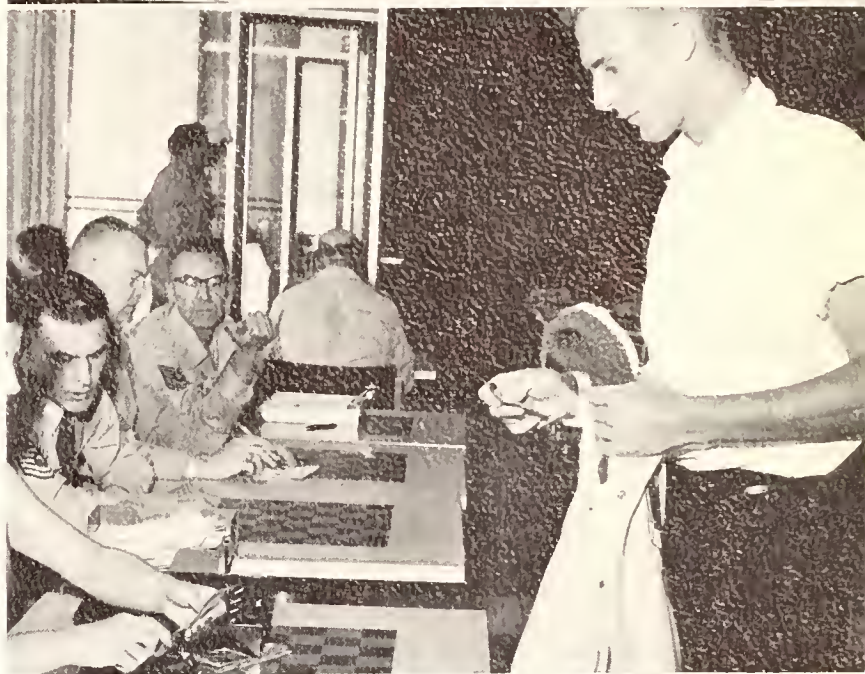




Gibbons, M. F.	Gilchrist, R. M.	Gill, A. B.	Gilligan, F. B.	Gilman, R. L.
Gossman, R. F.	Goutas, J. N.	Graham, F. R.	Graham, R. D.	Graves, G. D.
Grunkemeyer, D.	Gude, F. K.	Guild, R. E.	Gulick, L. E.	Habedank, O. K.

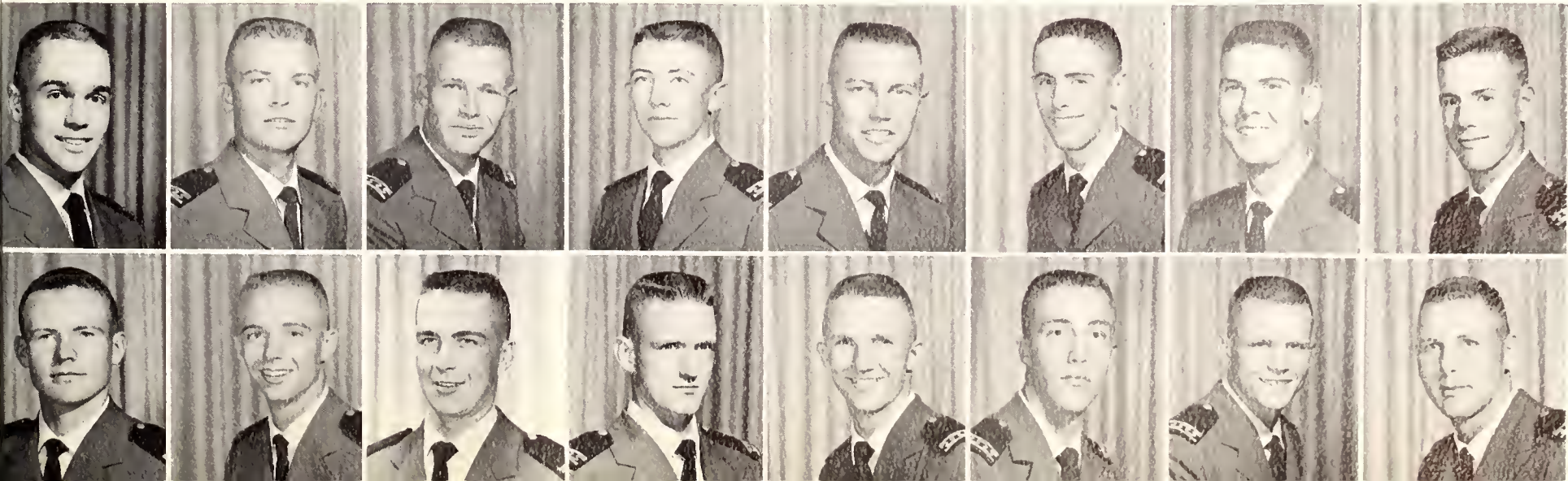


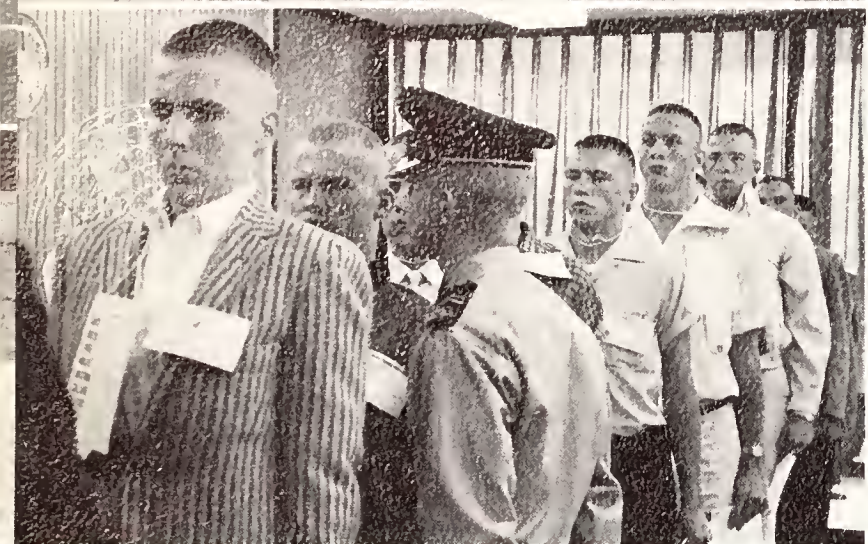
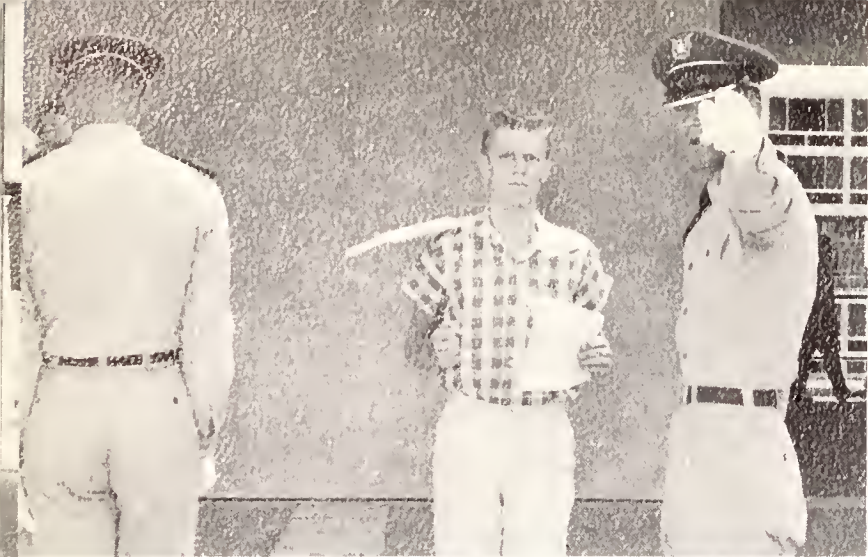
Four years!



And so it all began.

Hammerton, R. P.	Hanes, J. W.	Haney, C. W., Jr.	Hannam, J. T.	Hanneken, R. J.	Har, K. C.	Haralson, W. W.	Harbaugh, K. E.
Hawes, G. T.	Hawkins, W. E.	Haworth, D. A.	Haycraft, D. L.	Hayes, R. L.	Heal, J. T.	Heavner, R. O.	Hegstrom, R. J.





They came wearing everything.



Heide, J. W.
Hess, D. A., Jr.
Horner, M. W.

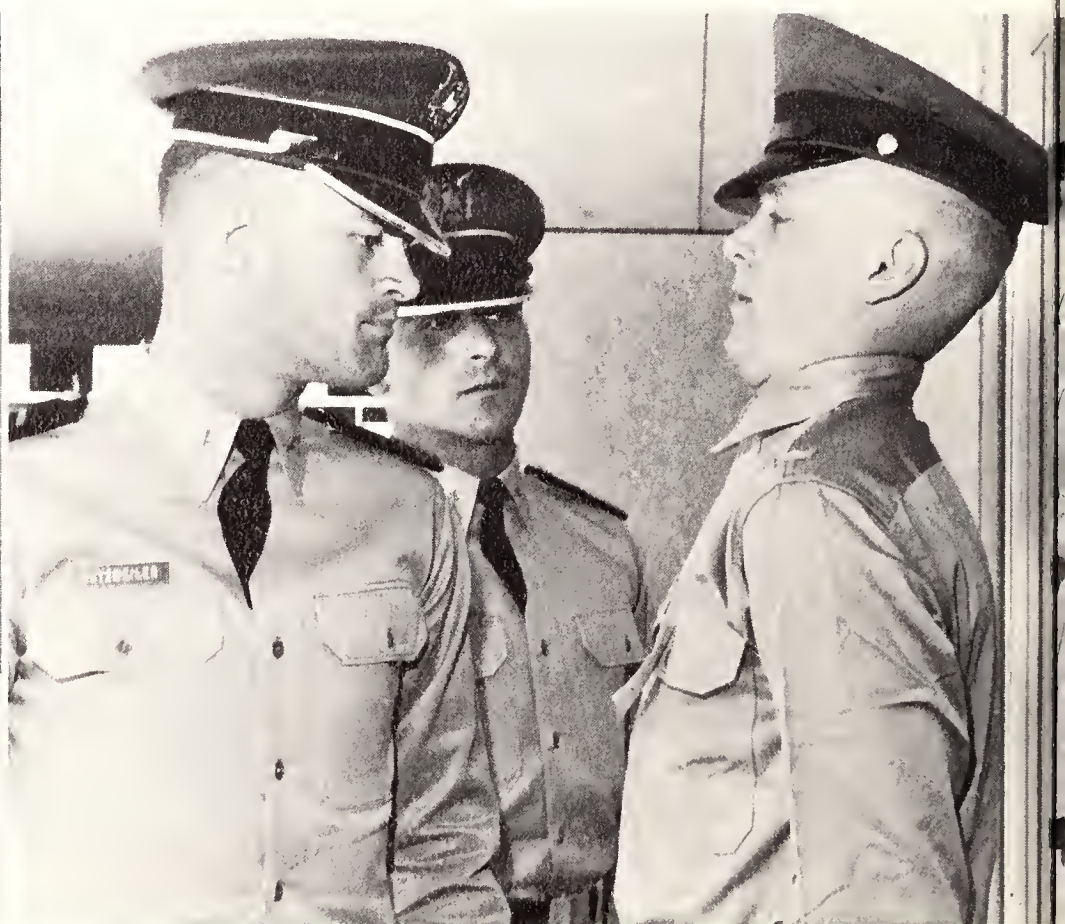
Heimbürger, J. W.
Hicks, J. L.
Horton, H. T.

Heinlein, W. H.
Himelberger, R. E.
Hoskins, H. A.

Helinski, J. F.
Hockemeier, J. M.
Howe, T. W.

Helker, W. H., Jr.
Hodges, R. C.
Hubbard, R. H.

And when in Rome . . .



Johnson, C. R.
Kerley, J. B.

Johnson, D. G.
Kern, G. E.

Johnson, J. R.
Keyserling, M. H.

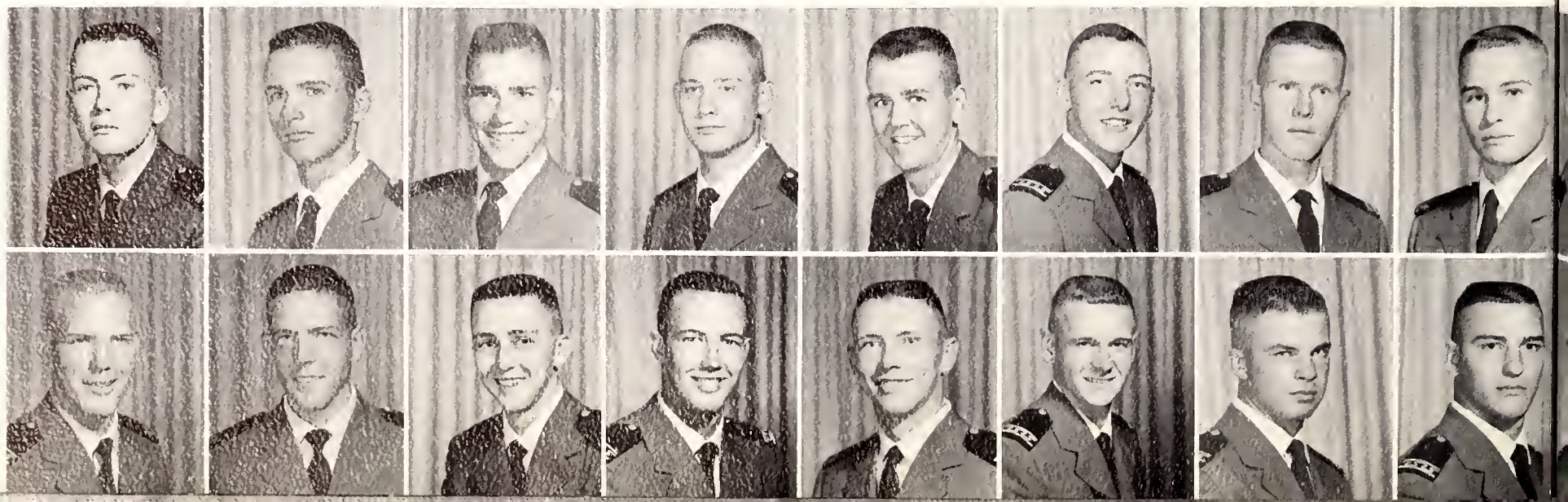
Johnson, P. C.
King, F. D.

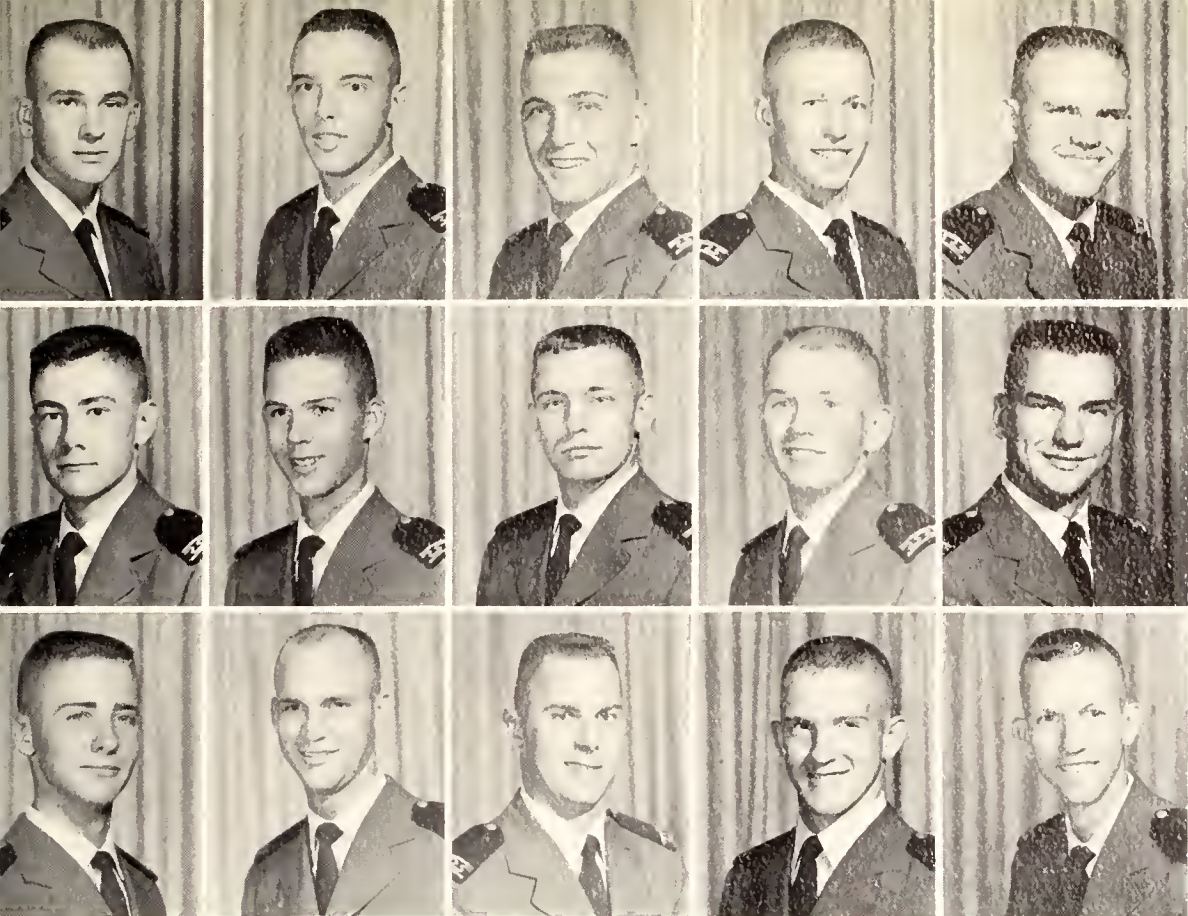
Johnston, J. R.
Kinnard, N. J.

Jones, F. V.
Kippenhan, C. M.

Juister, H. M.
Knudsen, H. E.

Justice, B. H.
Kochanski, J. M.





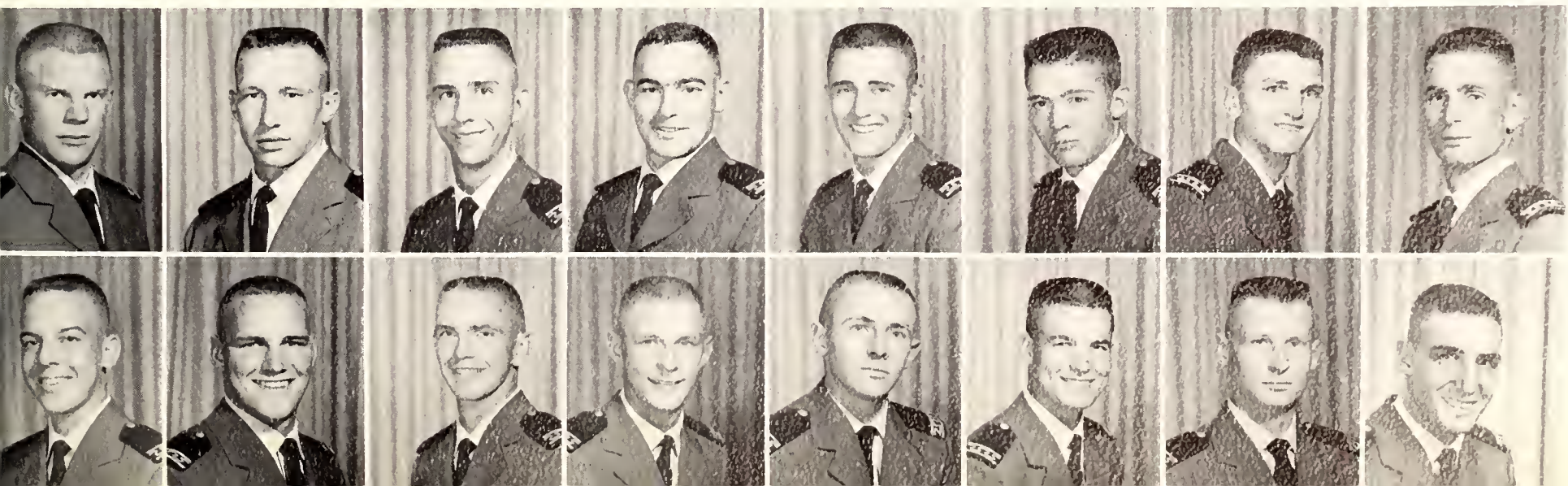
Hemeyer, K. P., Jr.	Hemmel, C. J.	Henderson, E. D.	Hennage, D. W.	Hentges, W. J.
Hoffman, H. D., III	Hoffman, J. R.	Hoffman, L. C.	Hofmann, R. F.	Holland, G. F.
Huntley, G. M.	Jackson, D. C.	Jacobcik, J. D.	Jamerson, J. L.	Johnson, A. H., Jr.

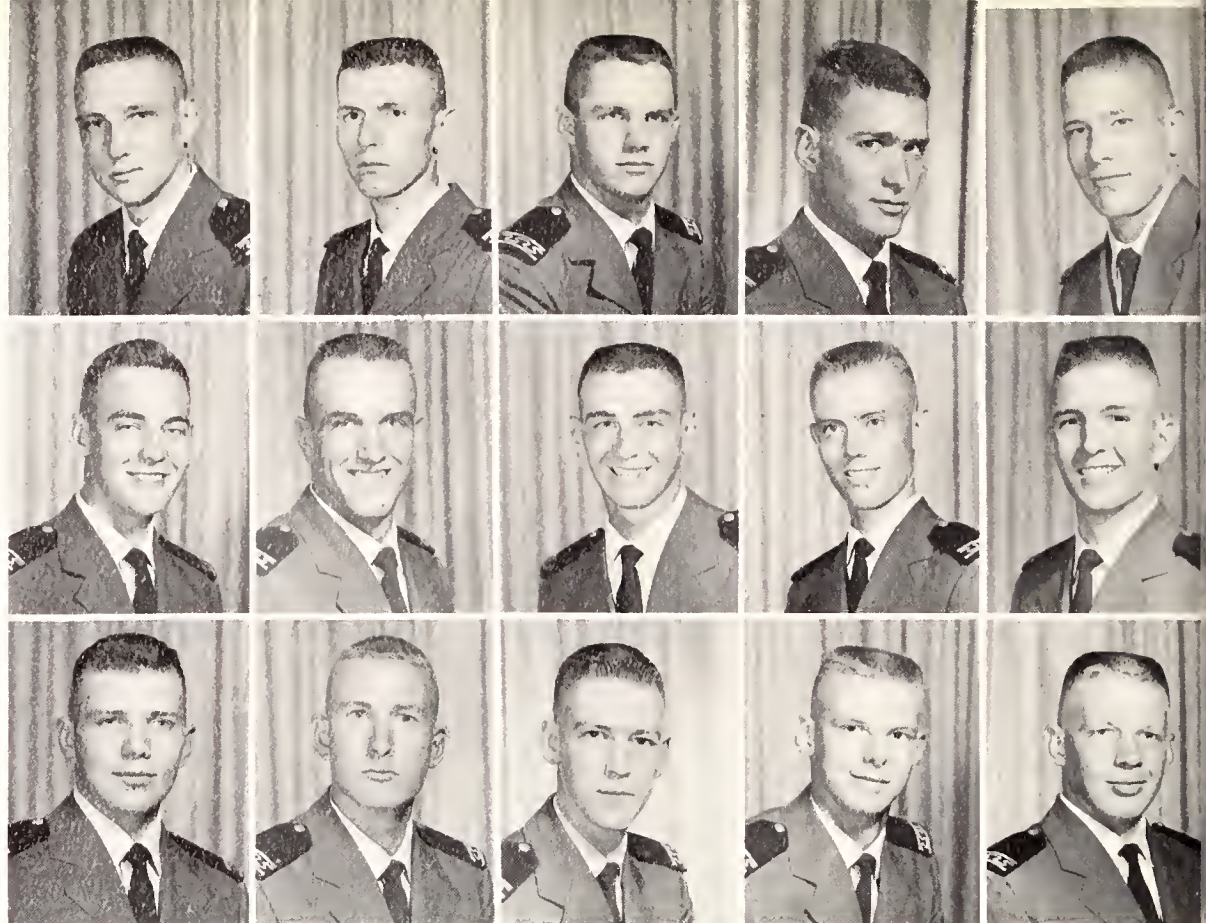


One sounds off on occasion, yet tries not to display emotion.



Kalberer, K. F., Jr.	Karasienski, F. J.	Kautz, R. M.	Kennan, W. V.	Kelley, H. L.	Kellogg, W. A.	Kennedy, J. J.	Kennedy, R.
Koehler, J. D.	Kohl, B. F.	Kominowski, P. J.	Koske, K. D.	Korenberg, R. J.	Kos, R. J.	Kowalkowski, F. F.	Kraye, S. H.





Kramer, H. R.
Lee, R. M.
Lohmann, D. P.

Kubat, E. A.
Lefors, W. H.
Lorenz, R. G.

Kuhn, J. C., Jr.
Leherissey, E. S.
Lund, R. M.

Laing, D. B.
Lentz, O. W.
Lundquist, R. V.

Lang, J. D., Jr.
Leveritt, D. H.
Lyons, L. A.



Individual differences are considered . . .

In spite of the necessity for haste.

Manchess, W. E.
McBeth, R. D.

Manuel, J. A.
McCarthy, G. W.

Manzella, A. C., Jr.
McClellan, J. W.

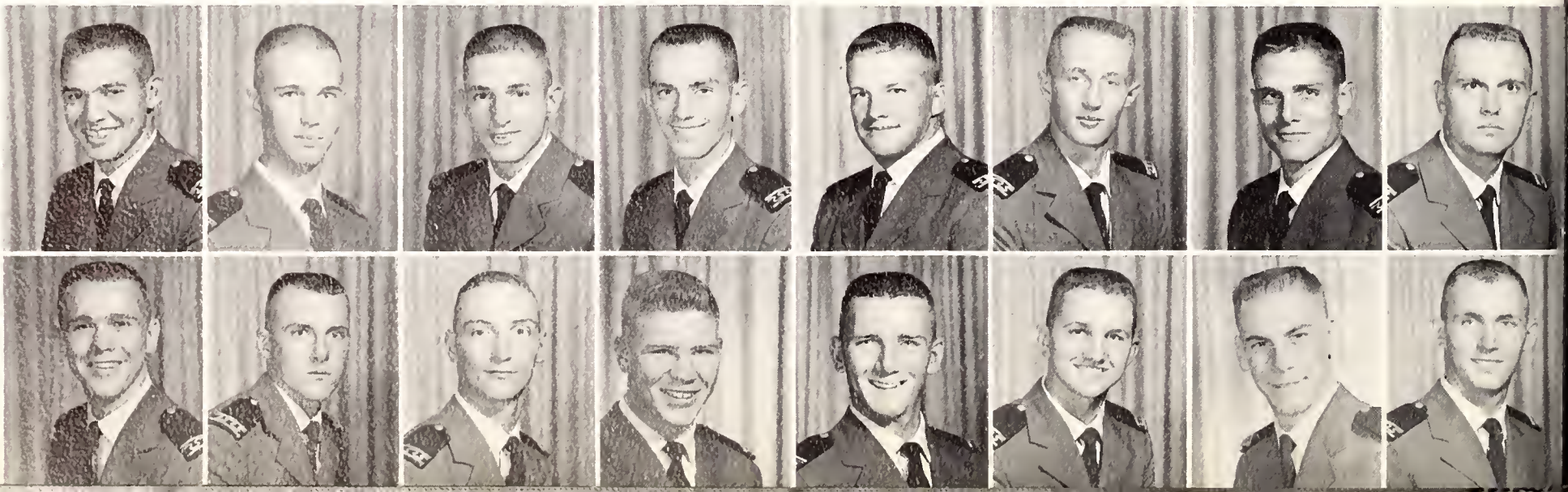
Marshall, R. B., III
McCollum, R. M.

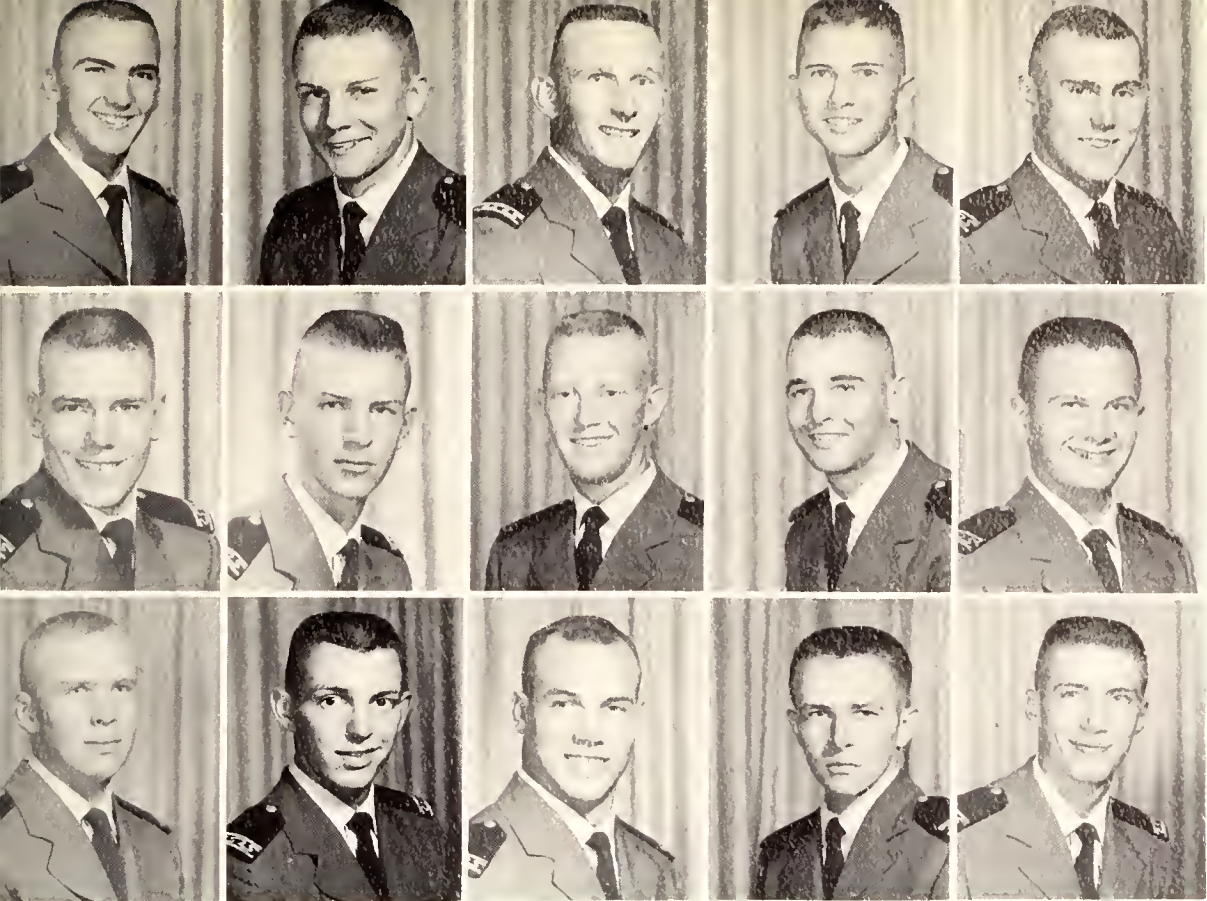
Martell, B.
McCrackin, T. M.

Martin, E. A.
McDonald, D. J., Jr.

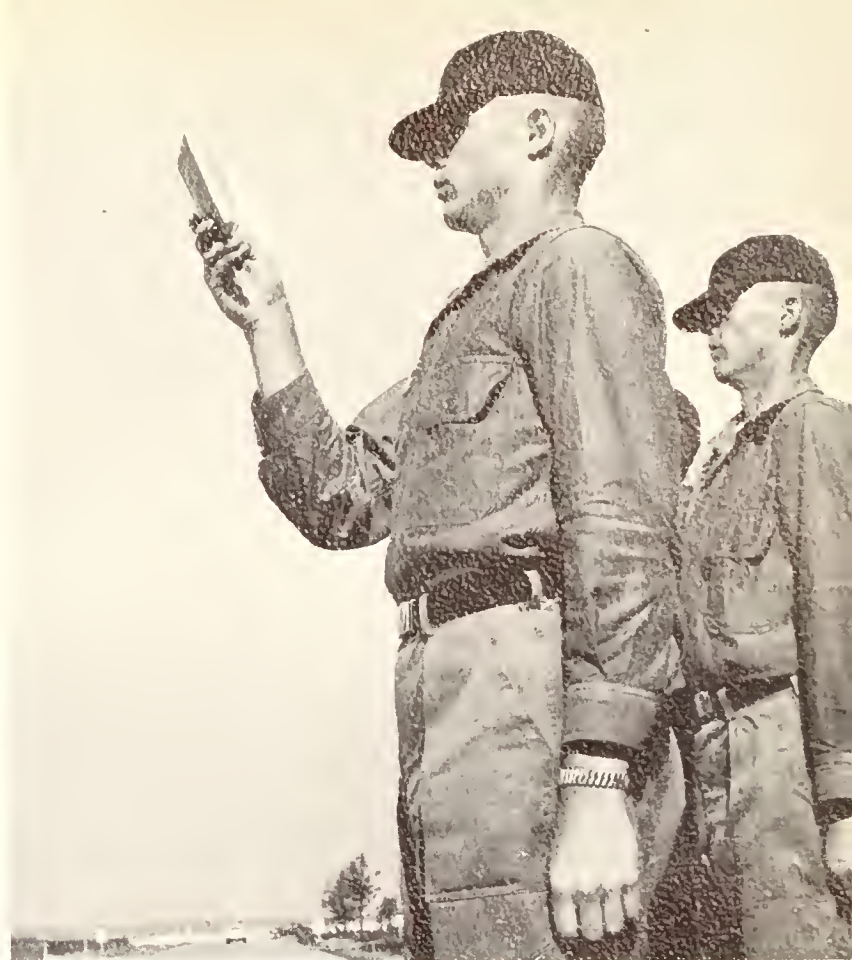
Martin, J. L.
McGehe, D. J.

Martin, J. L.
McGehee, J. B., Jr.





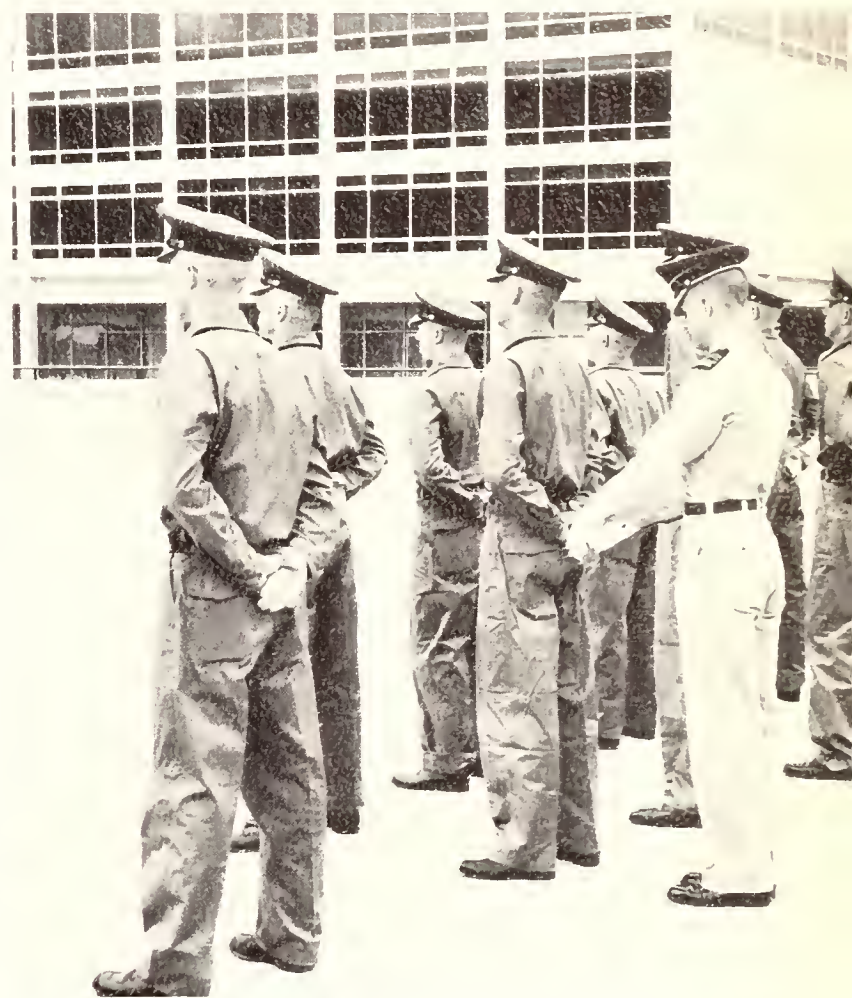
Lareau, R. D.	Larson, J. D.	Lash, P. E.	Lavender, H. L.	Lee, N. I., III
Lilly, R. L.	Lindahl, F. W.	Lindner, W. E.	Lloyd, M. H.	Lockhart, K. E.
MacFarlane, R. B., Jr.	Maguire, P. R.	Mahan, C. R.	Maier, E. A., Jr.	Mahoney, R. V., Jr.



"Poop-Break"

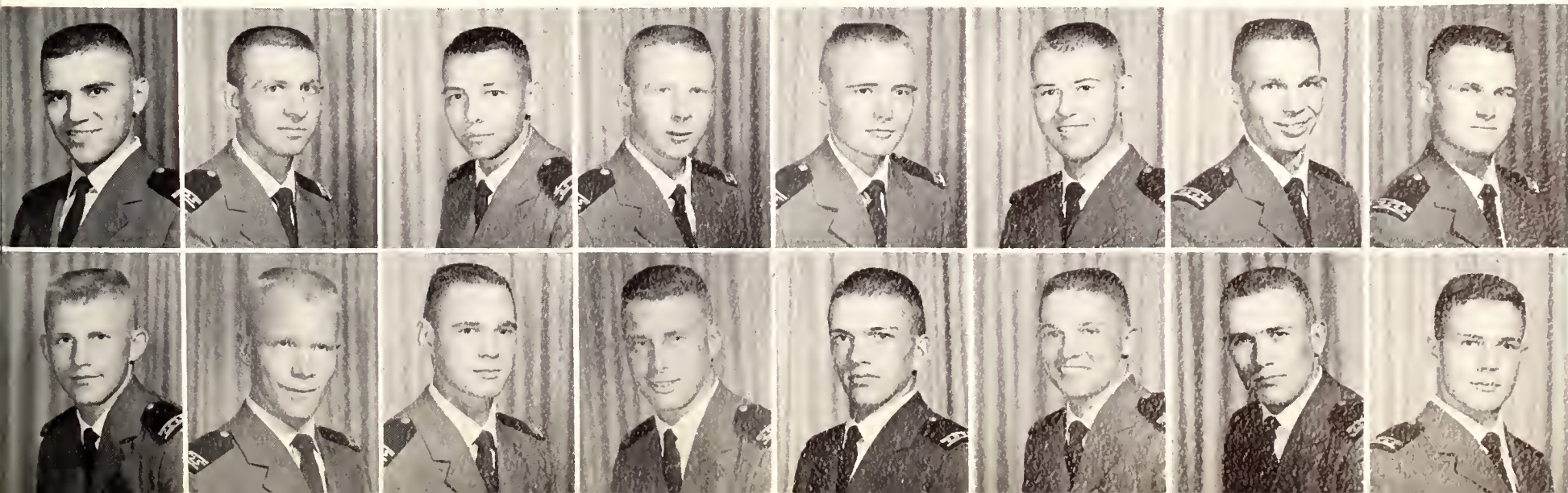


Sudden showers are not uncommon . . .



But nothing could dampen our spirits.

Martin, R. D.	Martinelli, D. R.	Martines, J.	Matjasko, L. S.	Mattison, G. F.	Maxon, B. P.	Maywald, P. V.	Mazet, R., III
McKean, J. A.	McKenzie, R. N. W.	McKnight, L. M.	McLain, J. M., Jr.	McLaughlin, L. G.	McMillan, J. K.	McTasney, J. B.	Meadows, S. L.





Try this with fixed bayonets.



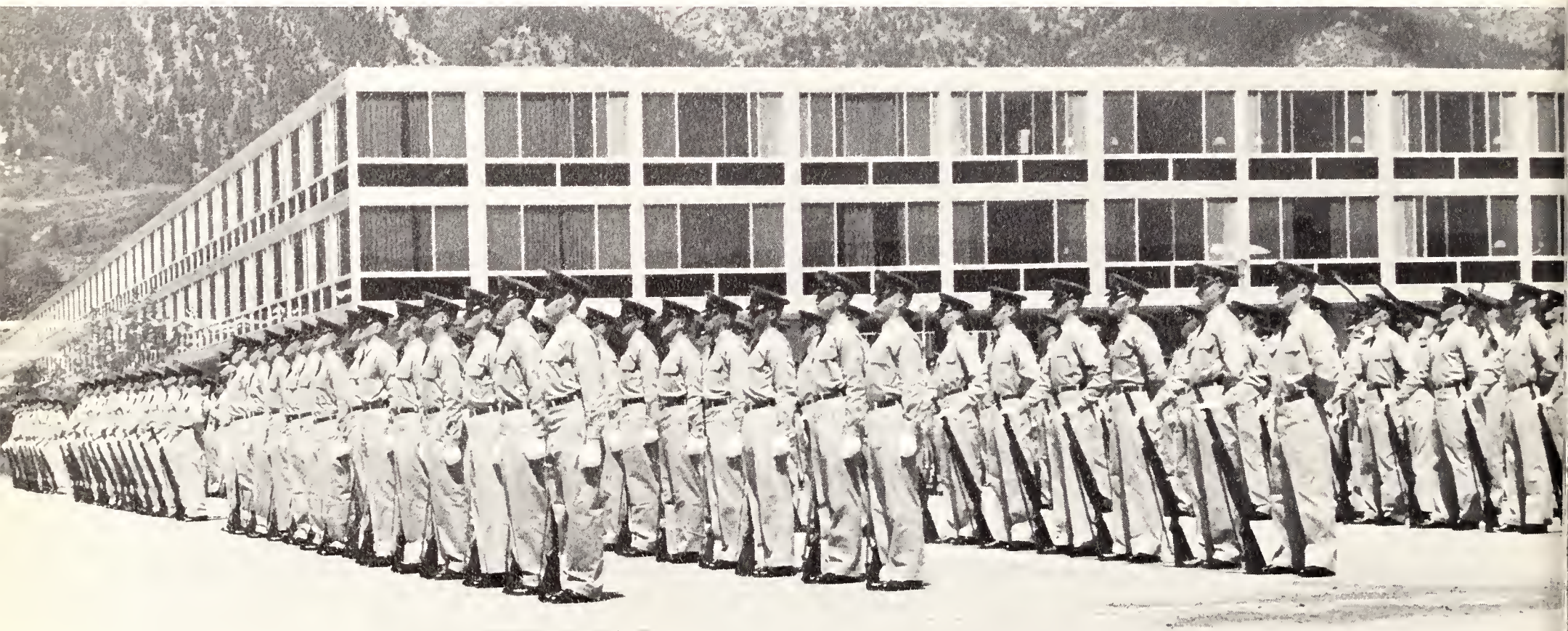
— Medina, J. E.
Meuse, B. M.
Mordan, C. R.

Meier, B. W.
Meyer, W. L.
Morgan, D. W.

Meier, T. C.
Milam, D. W.
Mullen, D. D.

Meinhold, D. F.
Miller, D. F.
Mullen, G. T.

Melenzyer, G. L.
Miller, J. R.
Mummert, T. C.



And Mater couldn't even get me up on Saturday mornings.

Nacrelli, G. A.
Nuss, D. A.

Nardone, A. L.
O'Brien, H. J.

Nassir, A.
O'Connell, M. J.

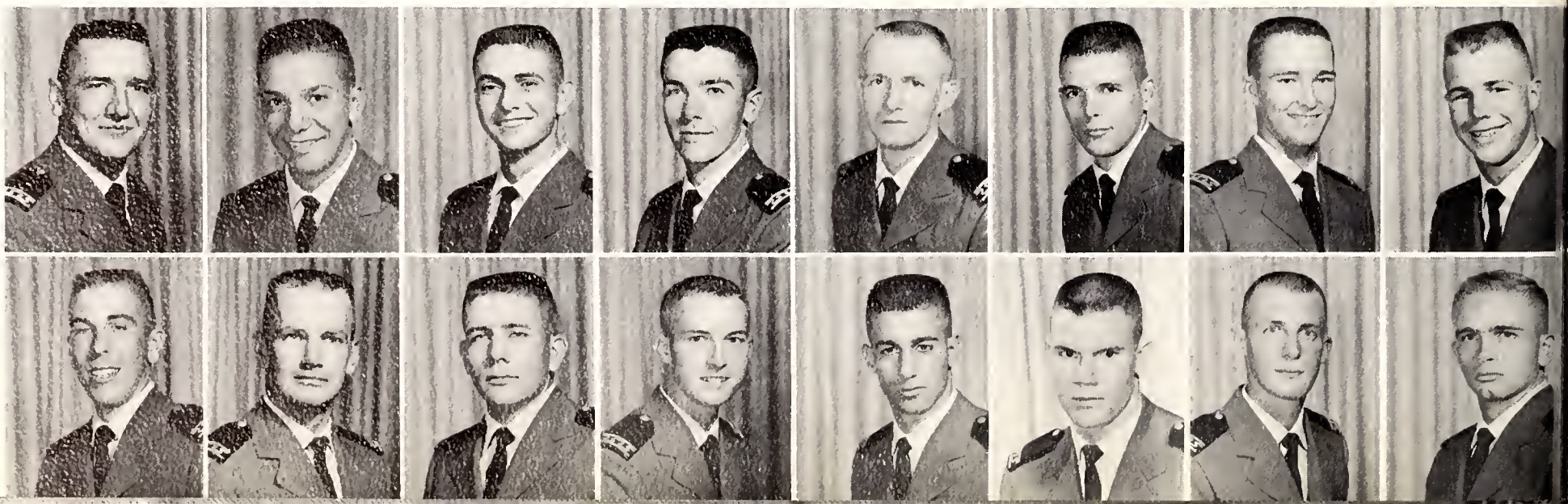
Nau, D. C.
Odefey, M. L.

Nauton, L. C., Jr.
Ognibene, P. J.

Nay, C. F.
Ogren, C. D.

Neff, D. W.
O'Leary, R. J.

Nehring, J. A.
Oliver, C. W.





Melia, T. F., Jr.	Melone, R. J.	Mercier, R. A.	Merkle, G. R.	Metcalf, F. L.
Miller, J. D.	Mitchell, T. B.	Mitchell, W. B.	Moore, B. L.	Moore, P. M., Jr.
Murk, H. E.	Murphy, R. L.	Murray, J. K.	Musselwhite, G. E.	Myers, B. L.



"With malice towards some . . ."



High school was never like this.



At least the setting was impressive.

Nenninger, G. L.	Newberry, W. E.	Newhouse, J. W., II	Niebur, J. E.	Nogaki, W. S.	Norris, J. H.	Norwood, W. I., Jr.	Nottingham, B. A.
Olson, J. E.	Olson, W. H.	Ormond, R. T.	Ott, J. D.	Palazzolo, J. W.	Paprowicz, R. D.	Parker, C. W.	Parlette, R. L.





Fighter jock for o day!

Ralston, F. D., III
Rohatsch, R. R.

Ransom, K. W.
Rohrs, D. L.

Rathburn, R. L.
Rooks, R. J.

Rector, J. C.
Roscoe, M. C.

Reemtsma, W. L.
Rosendahl, E. E., Jr.

Regelbrugge, J. M.
Roth, M. J. C.

Regnier, F. M.
Rotz, D. H.

Reinstein, B. R.
Roush, J. G.



Parma, W. H.
Pfeifer, G. W.
Porch, F. C.

Parra, R. J., Jr.
Pfeifer, N. L.
Porter, F. C.

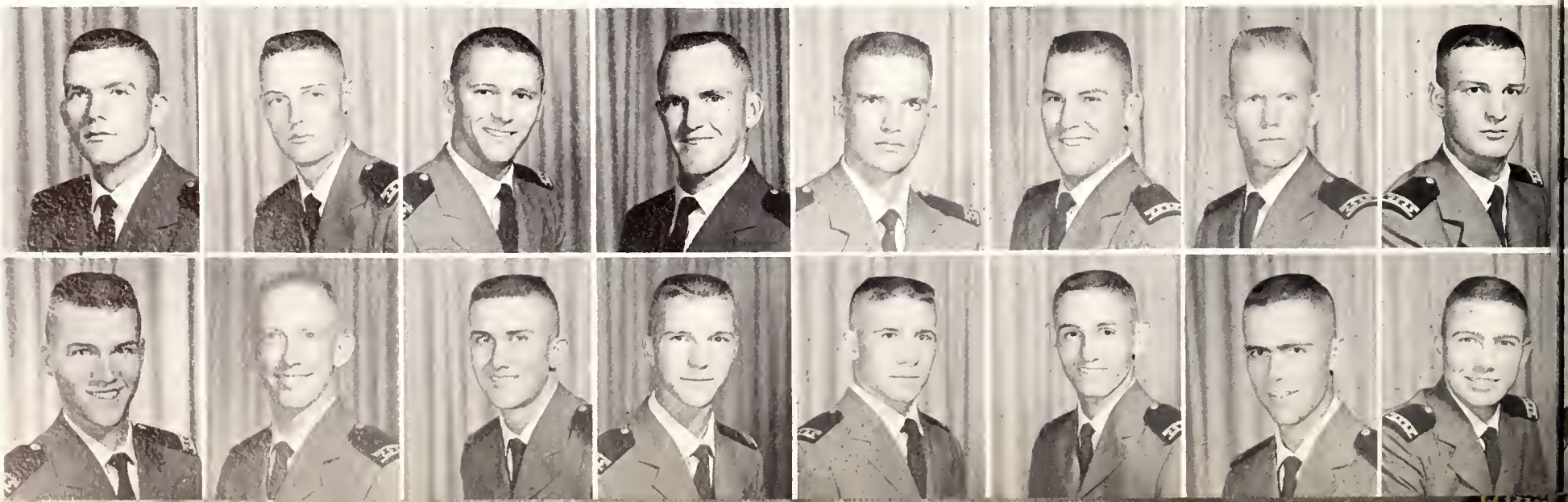
Pasquet, G. A.
Phillips, J. R.
Porter, W. R. C.

Patchin, A. D.
Pickens, W. E., II
Potenzo, P. H.

Patterson, P. F.
Pierson, J. H.
Povilus, W. R.



Only room for one, men.





Patterson, R. E.	Patton, J. B.	Payne, I. S., IV	Pesmark, D. J.	Peters, J. F.
Pierson, T. C.	Pirrucello, J. S.	Poer, D. G.	Pollitt, G. W.	Pollock, R. G.
Power, D. R.	Prenez, J. E.	Preston, C. A.	Probst, L. J.	Rader, R. F.



"Cheer up, Corter, it's about done."

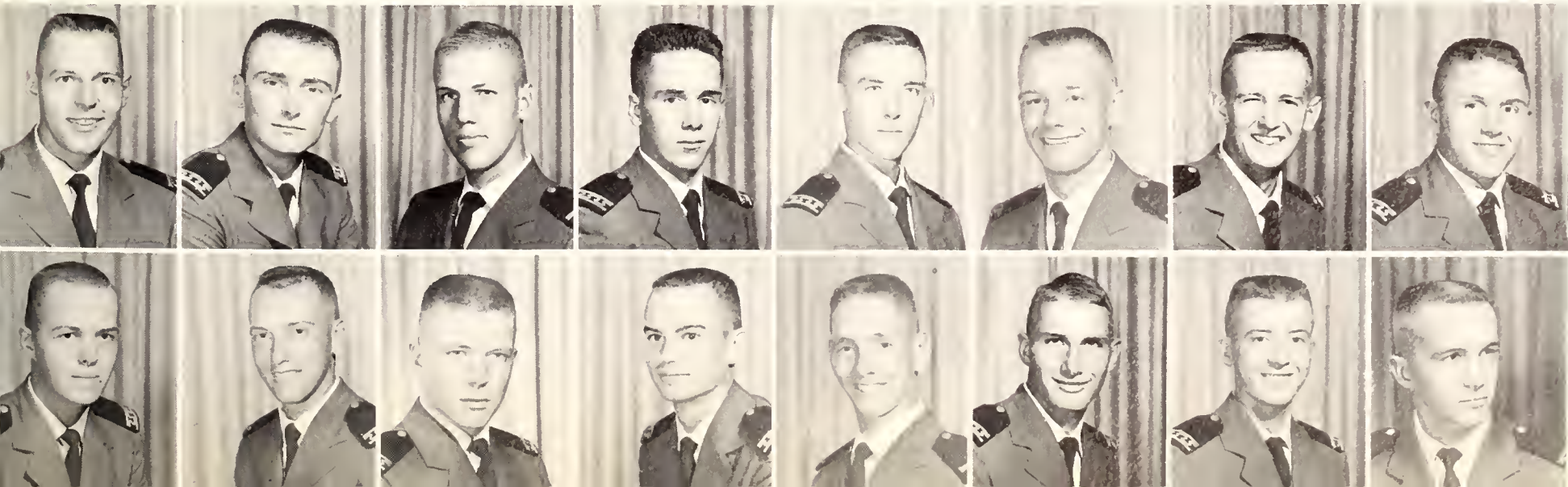


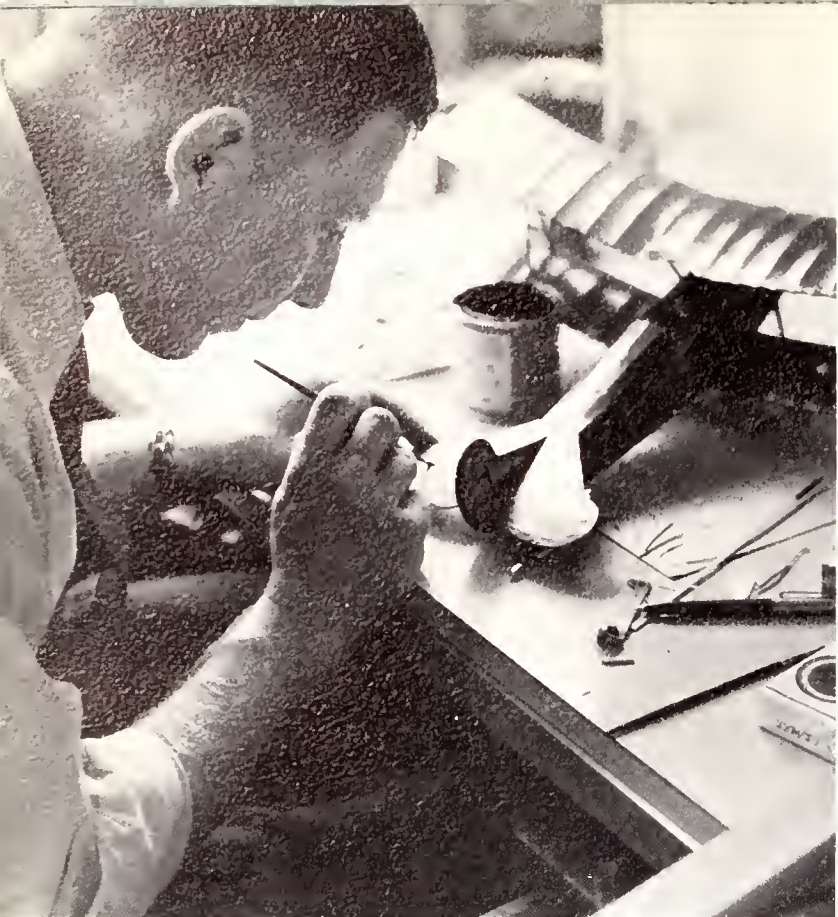
"Some knew the way."



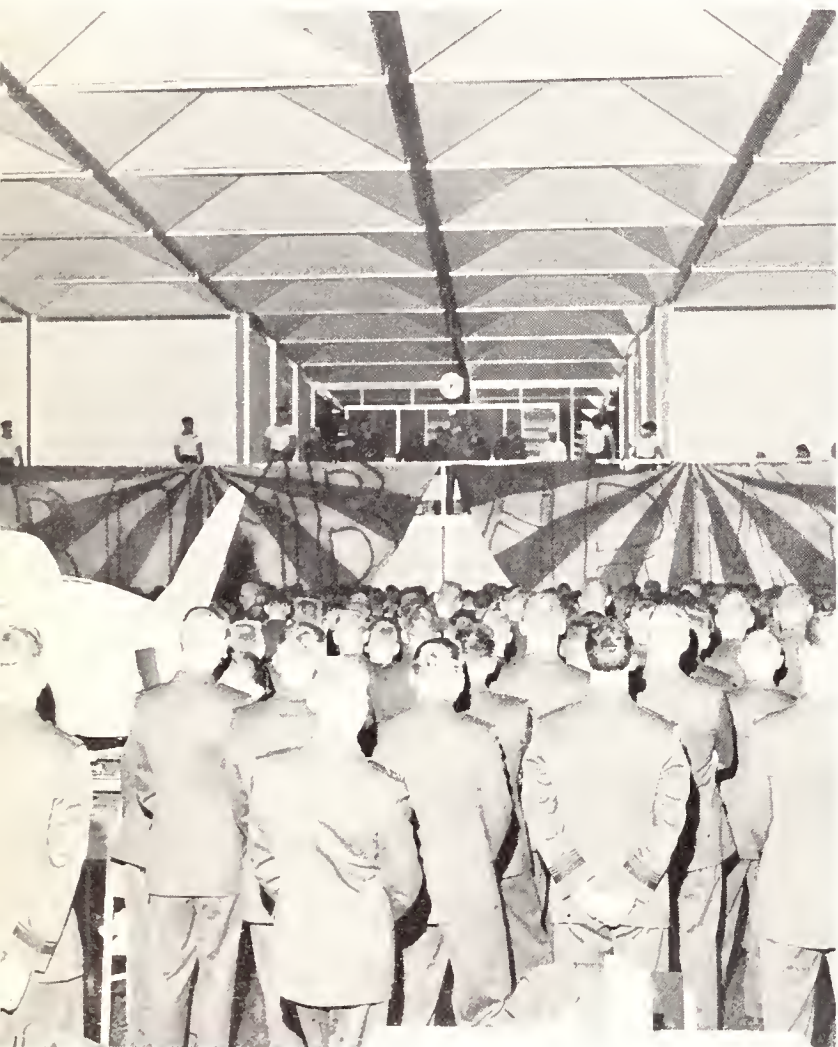
Model home under construction.

Reisdorf, E. G.	Rex, R. F.	Reynolds, R. S.	Rickards, C. J.	Rigsbee, G. M.	Ringler, D. L.	Ritchie, W. J.	Roemer, R. B.
Rowell, G. A.	Roy, R. W.	Rudd, W. T.	Russell, R. L.	Saban, G. H.	Sahd, T. M.	Sailors, J. L.	Sands, R. L.

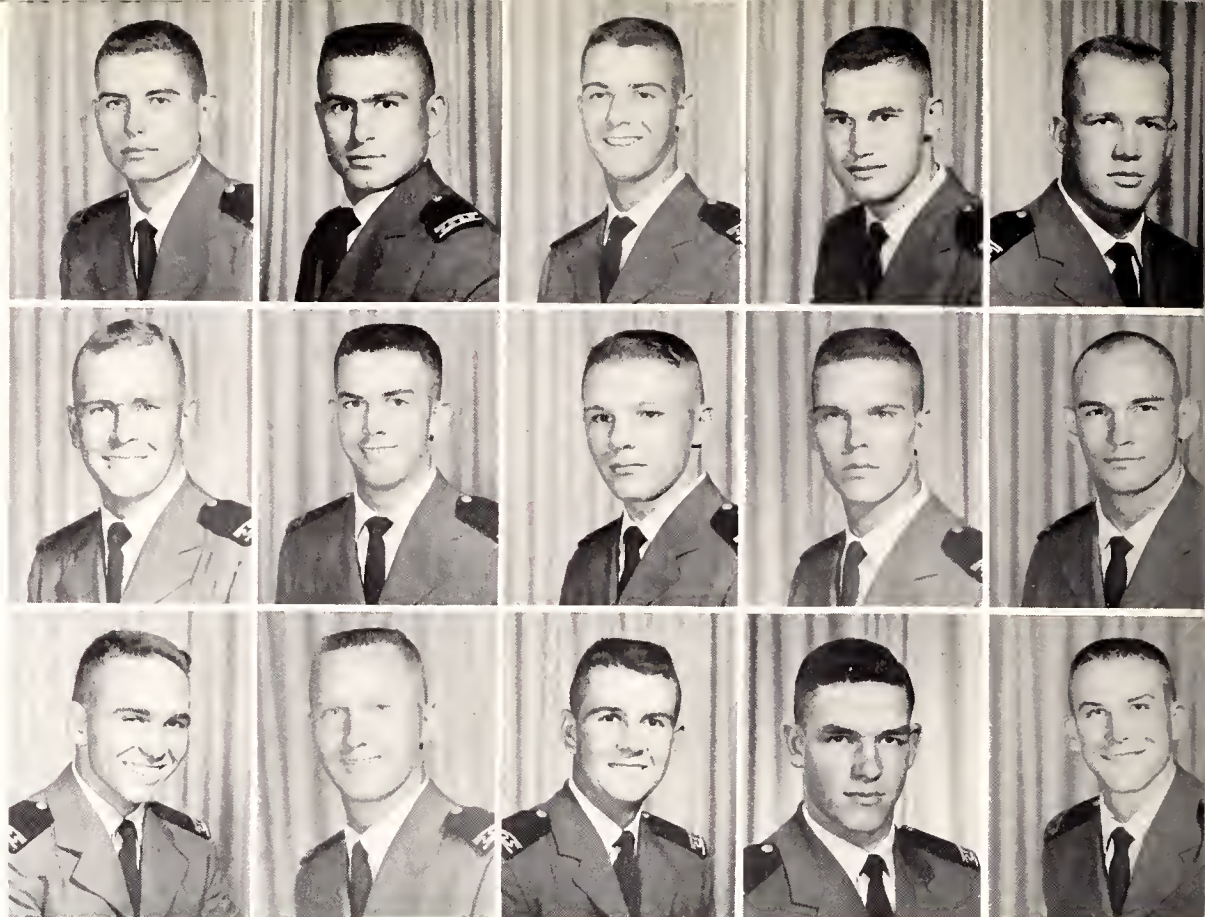




Then it was back to the Old Grind.



Bomb Army Rally.



Savonin, S. J.
Severson, L. L.
Shuck, J. W.

Schnaidt, L. C.
Shaffer, C. G., Jr.
Shutack, R. A.

Schneider, D. K.
Shagner, W. A., II
Simmons, D. R.

Schroeder, T.
Sharp, T. M.
Simpson, C. S.

Schuchter, J. F.
Shaw, R. E.
Simpson, R. B.



Erudite eremites.

Slowik, R. A.
Taylor, D. J.

Small, D. W.
Taylor, J. R.

Smith, E. L.
Teising, R. C.

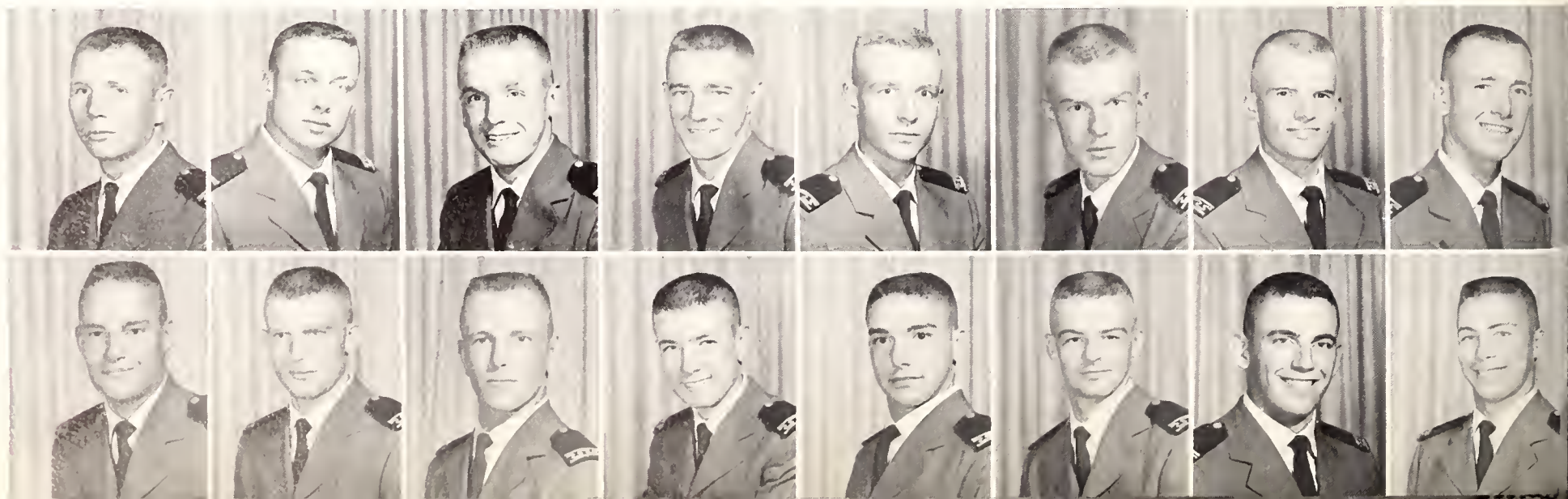
Snow, H. T., Jr.
Terrell, T. F., III

Sorensen, R. A.
Teta, A. A.

Sorenson, N.
Thacker, V. L.

Sprenkle, J. H.
Thies, J. C.

Springs, L. D.
Thomas, H. A., Jr.





Schuhmacher, J. E.	Schulze, N. E., Jr.	Schuman, J. D.	Schweinle, W. E.	Scott, J. D.
Shearer, E. L.	Sherrill, G. H.	Shillcutt, D. D.	Shmoldas, J. D.	Shriner, R. D.
Simpson, W. H.	Sims, R. B.	Sirovatka, L. C.	Skilling, D. A.	Skoro, J. P., Jr.



Try to visualize it . . . all white.

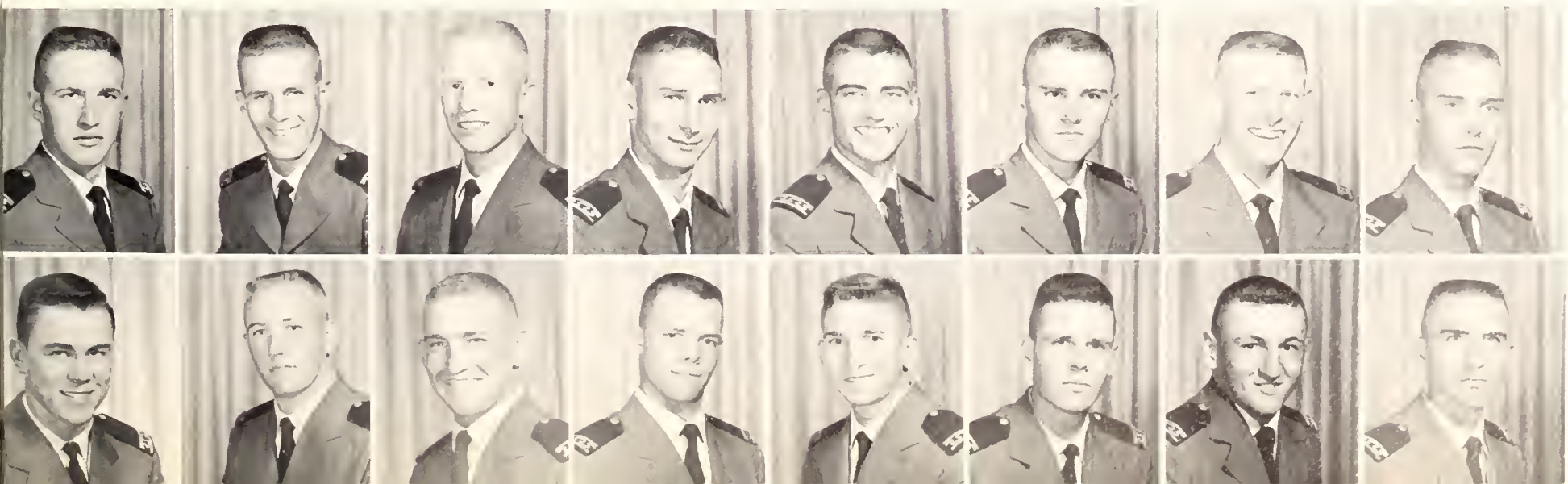


"...the Delaware. Signed, Gn'l. Geo. Washington."



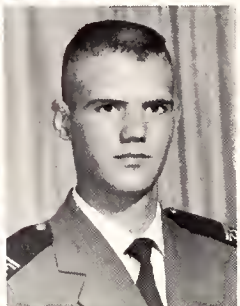
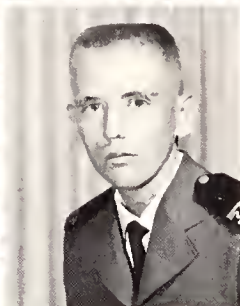
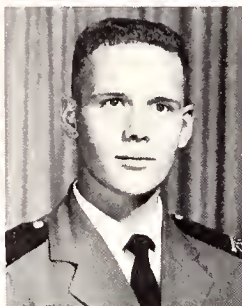
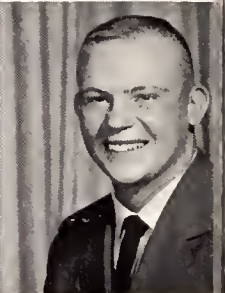
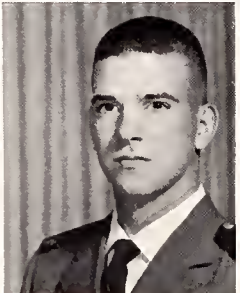
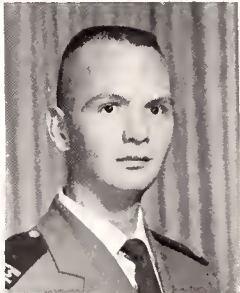
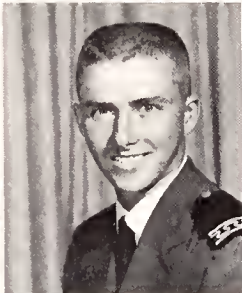
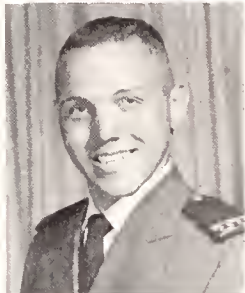
Very common form of free-loading.

Steinbrink, L. G.	Storms, R. D.	Suby, S. F.	Sula, R. L.	Sutton, S. R.	Tabor, R. A.	Tate, J. P.	Tax, F. J.
Thomas, L. T., Jr.	Thompson, L. F., Jr.	Thornton, J. E.	Thyng, J. R.	Tice, M. R.	Tippens, L. D.	Tkac, J. G., Jr.	Tomme, H. M.





Troutman, D. E.



Troy, R. O.
Verdier, P. R., Jr.
Walsh, T. H., Jr.

Tucker, D. C.
Verfuss, G. R.
Ward, G. A., Jr.

Tucker, L. M.
Vincent, W. W.
Ward, R. C.

Turner, R. M.
Vogelsang, J. M.
Warner, R. M., Jr.

Van Allen, P. R.
Vollmer, S. J.
Warner, W. A.

Costenbader's cool cats -- really cool!



Days were sunny now and then.

Webb, H. K.
Wilson, H. F., Jr.

Weber, L. R.
Wilson, J. F.

Wecker, W. E.
Wilson, J. H. R.

Weidman, C. H.
Wilson, W. E.

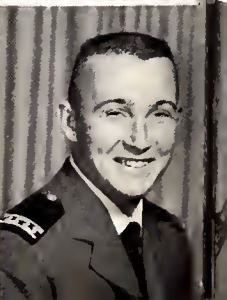
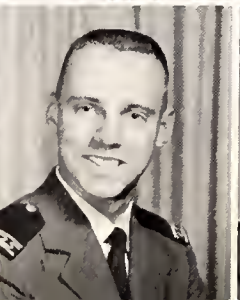
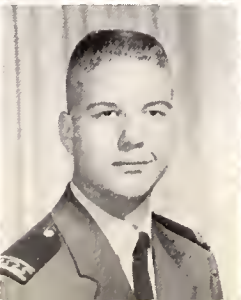
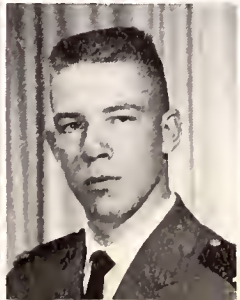
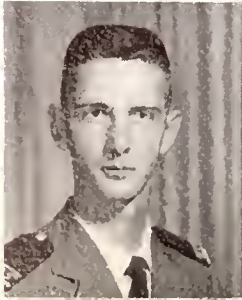
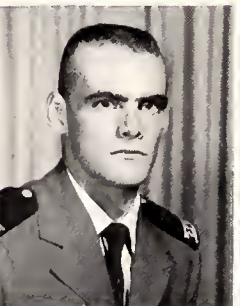
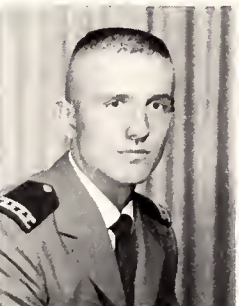
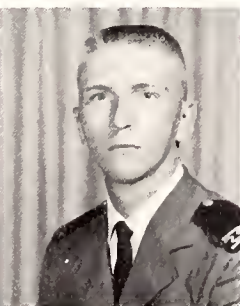
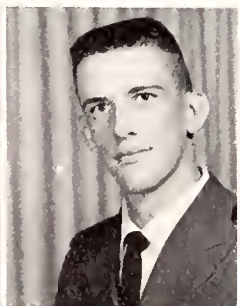
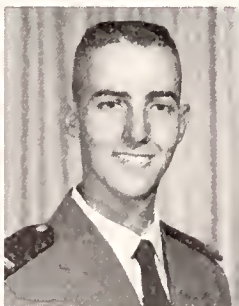
Wells, N. E.
Winegar, R. F., II

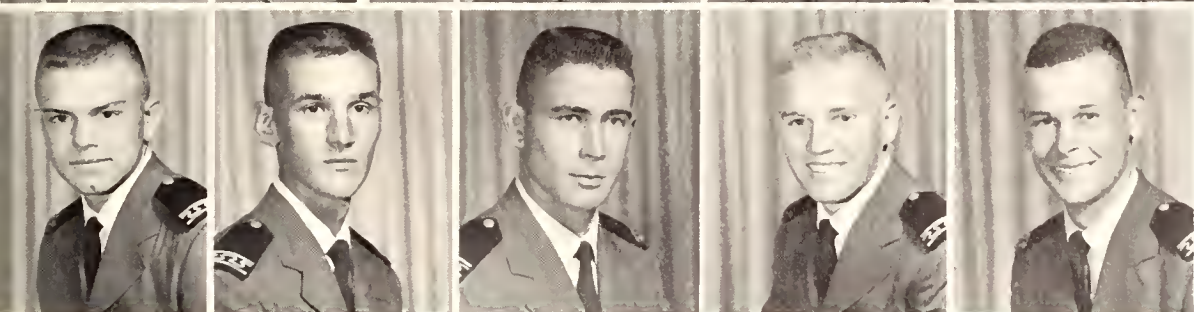
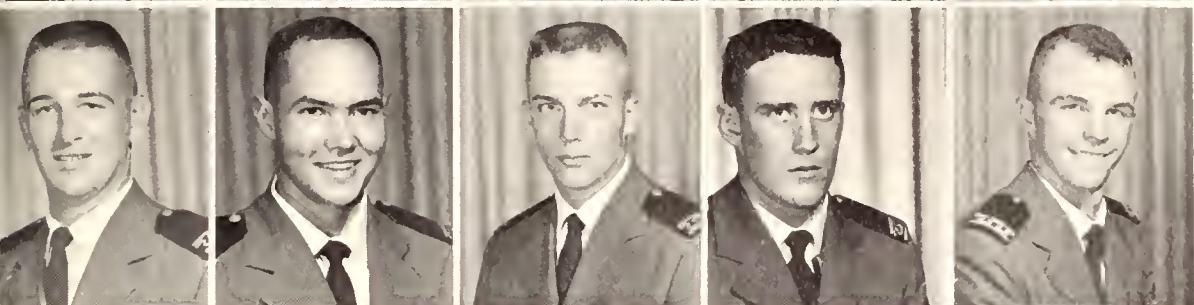
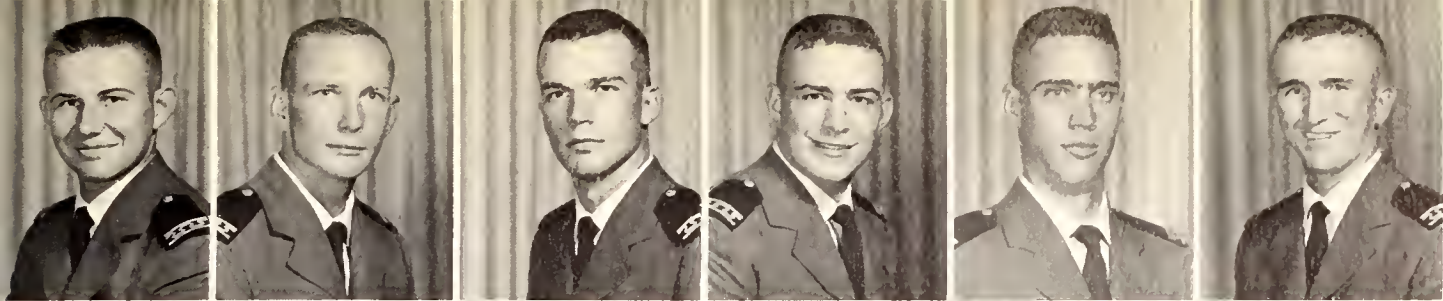
Wendt, J. A.
Winzell, J. R.

West, C. T., Jr.
Wolf, A. E.

West, E. J.
Woods, J. I.

Keep searching; the squadron's here somewhere.





Venkus, R. E.



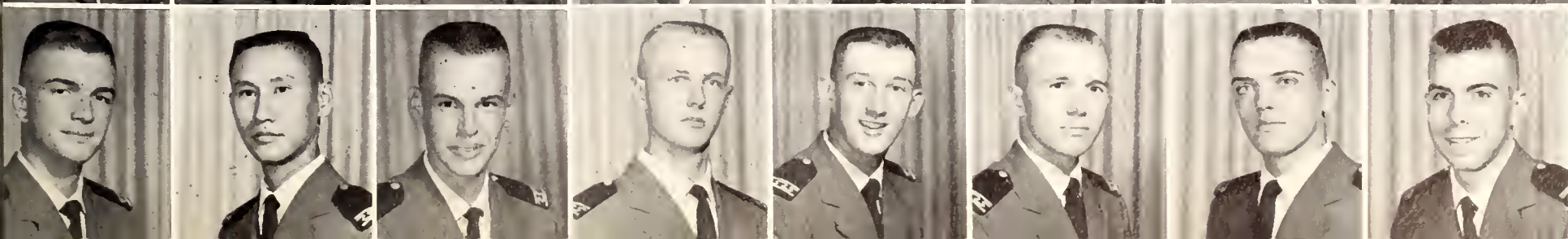
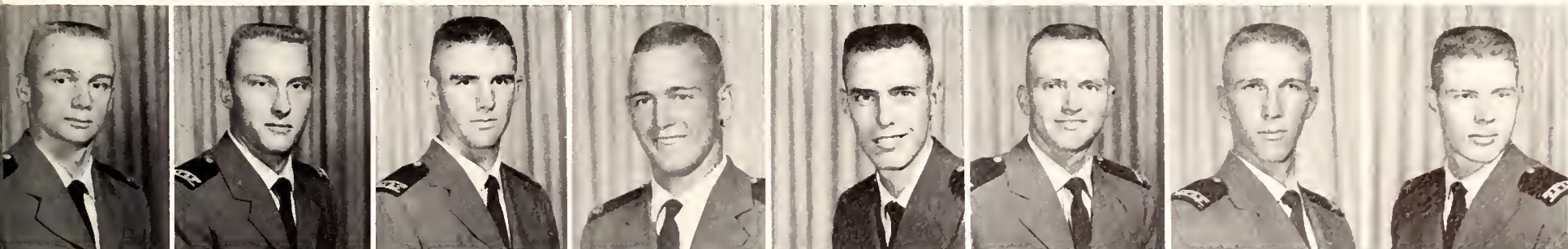
Vande, M. W.	Vandervort, J. B.	Vara, R. F.	Vaughn, E. W.	Veale, W. D.
Vorhees, R. L.	Wallace, A. A.	Wallace, G. E.	Wallace, W. H.	Walrath, B. A.
Washburn, D. C.	Waterman, A., Jr.	Watt, A. K.	Wax, D. J.	Weaver, J. L.

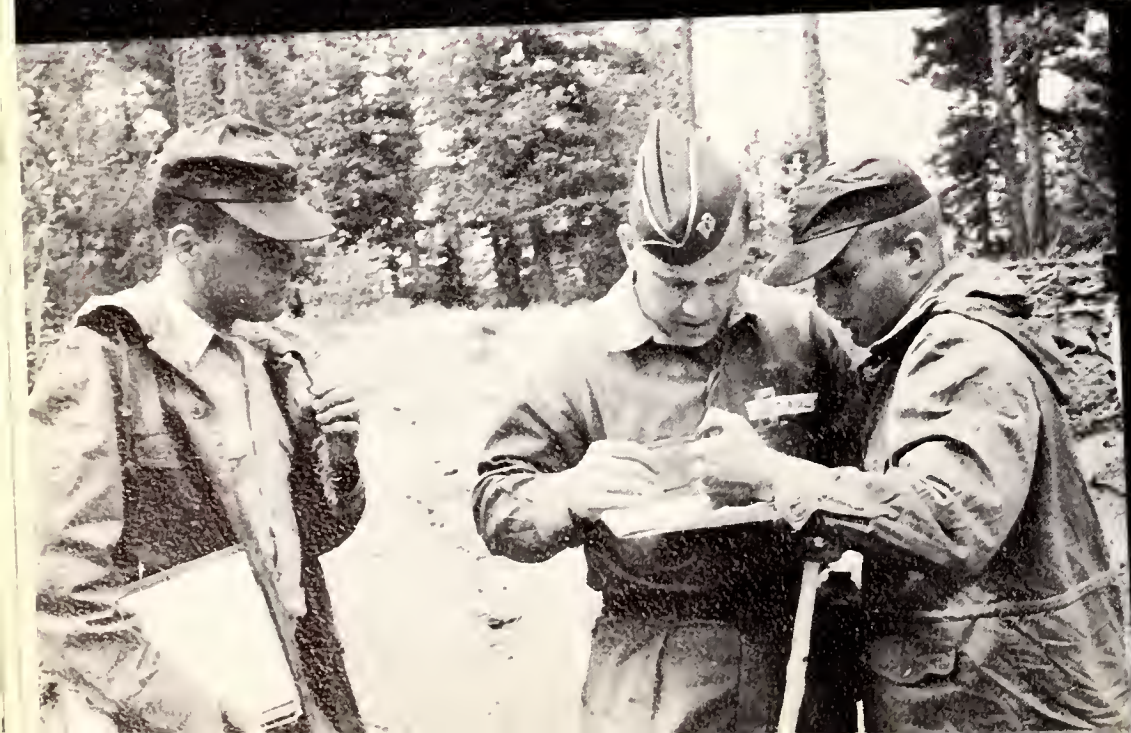


Sure enough, the snow finally melted . . .

But we weren't allowed to.

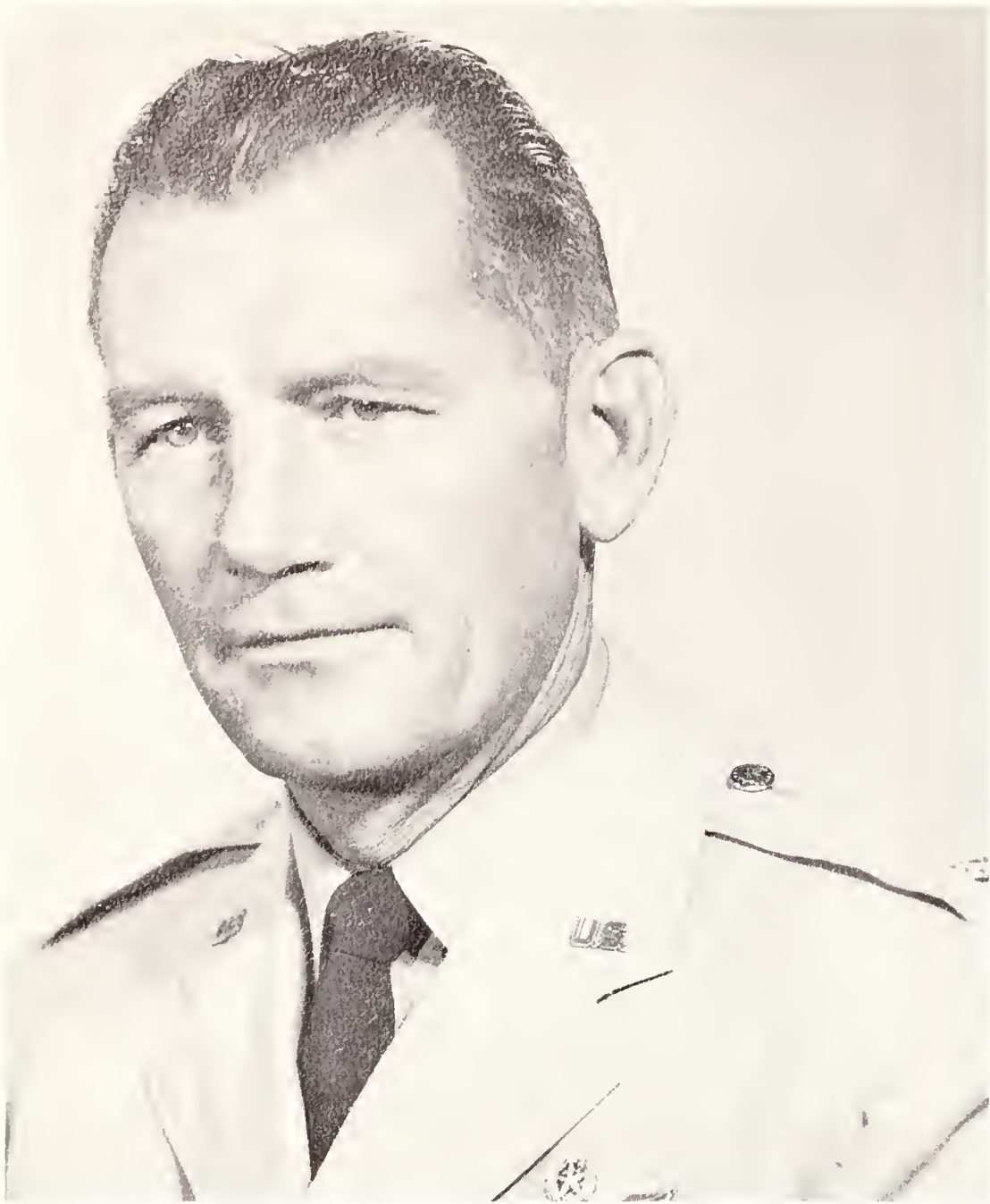
West, G. W.	Westbrook, S. W., II	Westerbeck, G. W.	Wetherington, C. B.	Wetterhahn, R. F.	White, W. E.	Wildonger, J. A.	Wilson, D. E.
Wynne, P. E.	Yee, D. K.	Young, E. A.	Young, J. R., II	Zamboldi, R. J.	Zimmerman, J. E.	Zoeller, R. J.	Zygner, J. O.







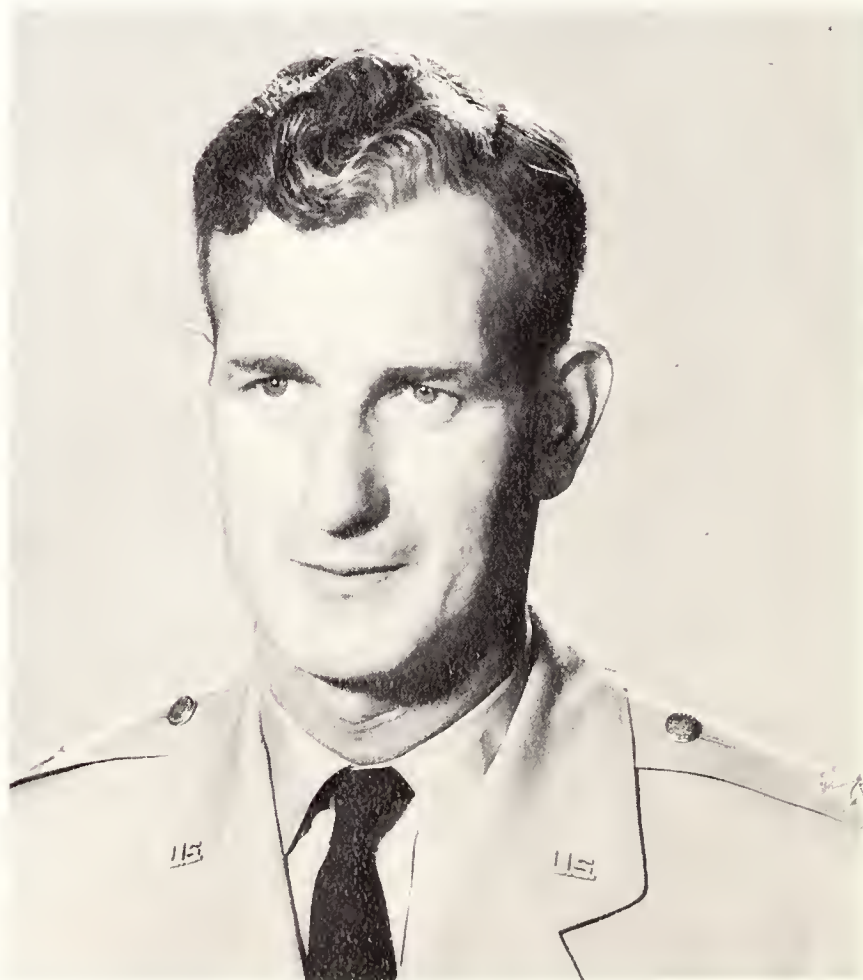
Personnel



Deputy Base Commander
COL. JASPAR A. WESTBROOK

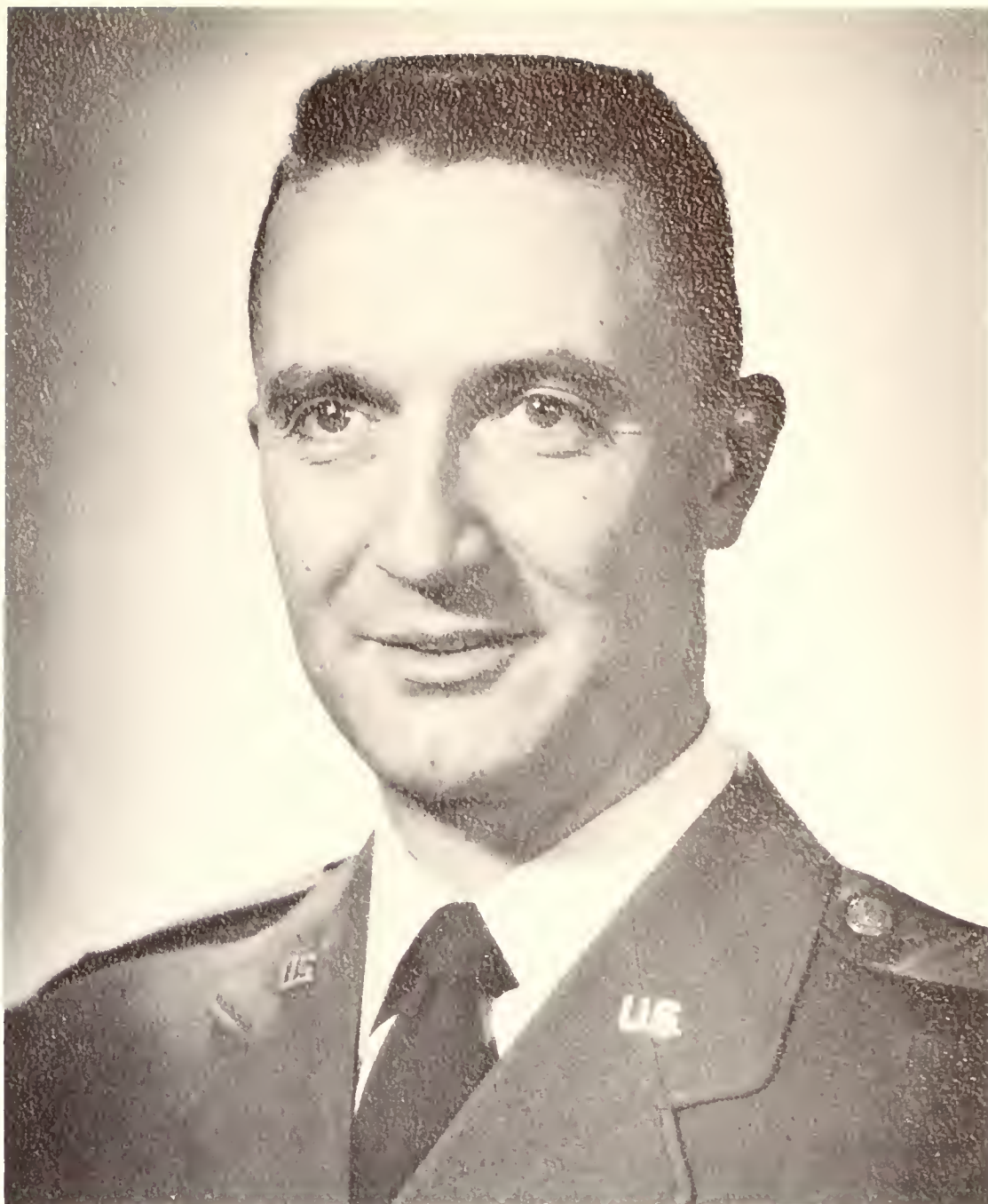


DCS Comptroller
LT. COL. D. H. BULL



DCS Civil Engineering
LT. COL. J. L. CROSSEY

Chief of Staff
COL. D. J. ROGERS



DSC Materiel
LT. COL. H. F. MURRAY



Director of Administrative Services
MAJ. W. H. MURPHY

Judge Advocate
COL. CHRISTOPHER H. MUNCH



Director of Information Services
COL. R. B. GOOD



Director of Inspection
LT. COL. J. H. McCULLOUGH



DCS Personnel
COL. E. F. BOURNE, JR.



Director of Hospitals
COL. R. S. FIXOTT



Director of Libraries
LT. COL. G. V. FAGAN



Protestant Cadet Chaplain
COL. C. I. CARPENTER



Catholic Cadet Chaplain
COL. S. J. O'CONNOR

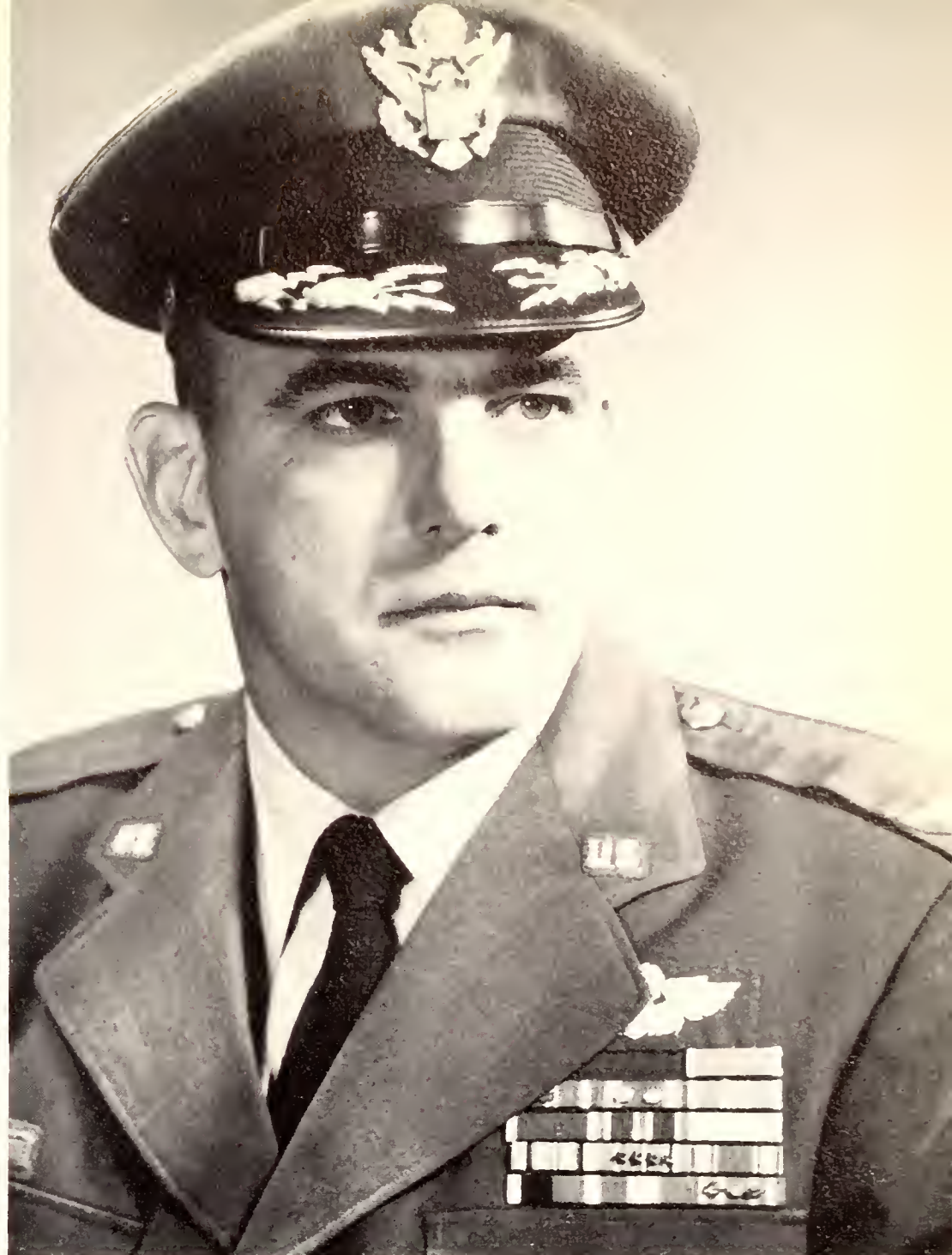


Registrar
LT. COL. V. G. O'CONNOR



Organist and Choirmaster
MR. J. R. BOYD

Director of Athletics
COL. GEORGE B. SIMLER

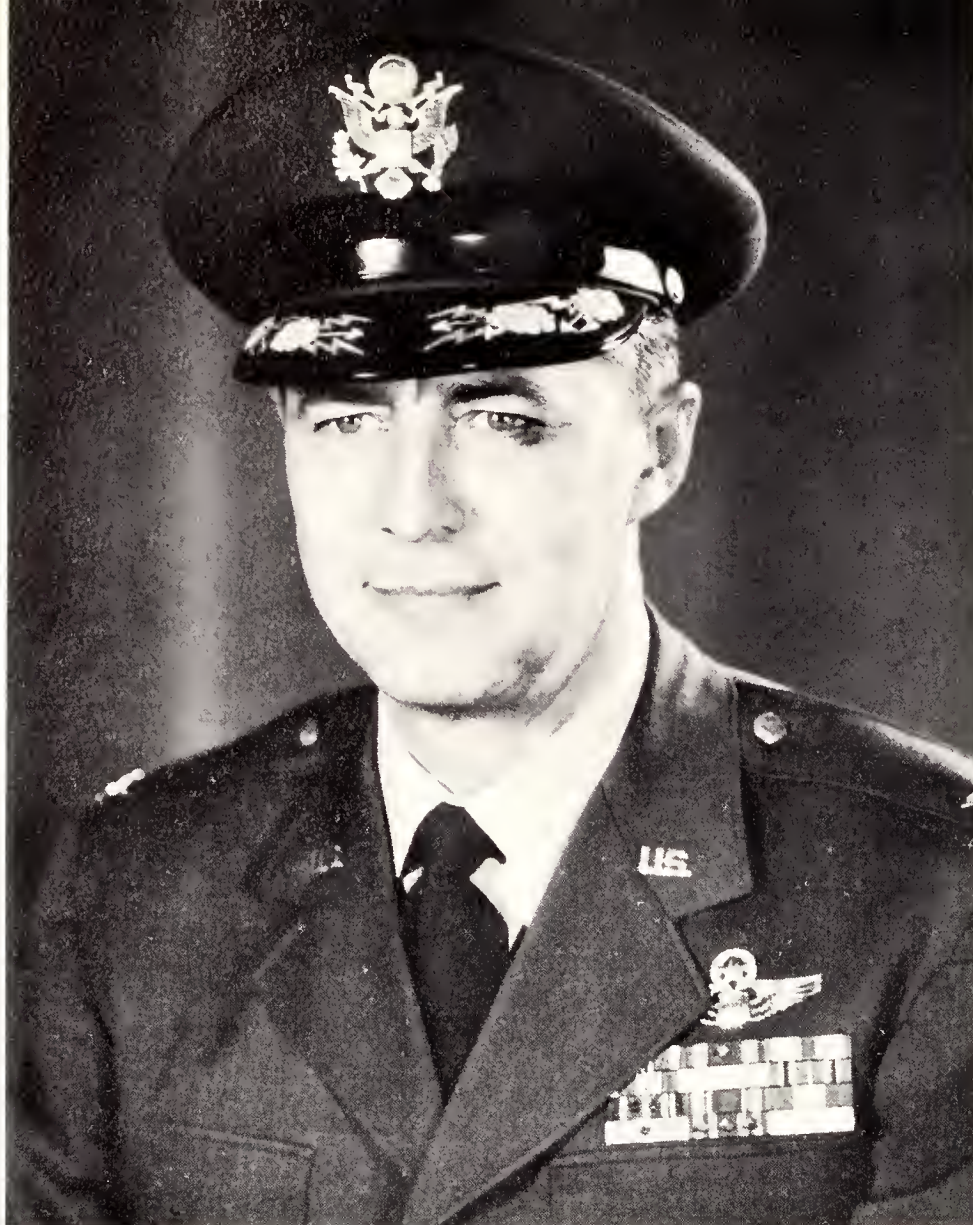


Director of Physical Education
LT. COL. CASAMIR J. MYSLINSKI



Director of Intercollegiate Athletics
MR. ROBERT JAMES

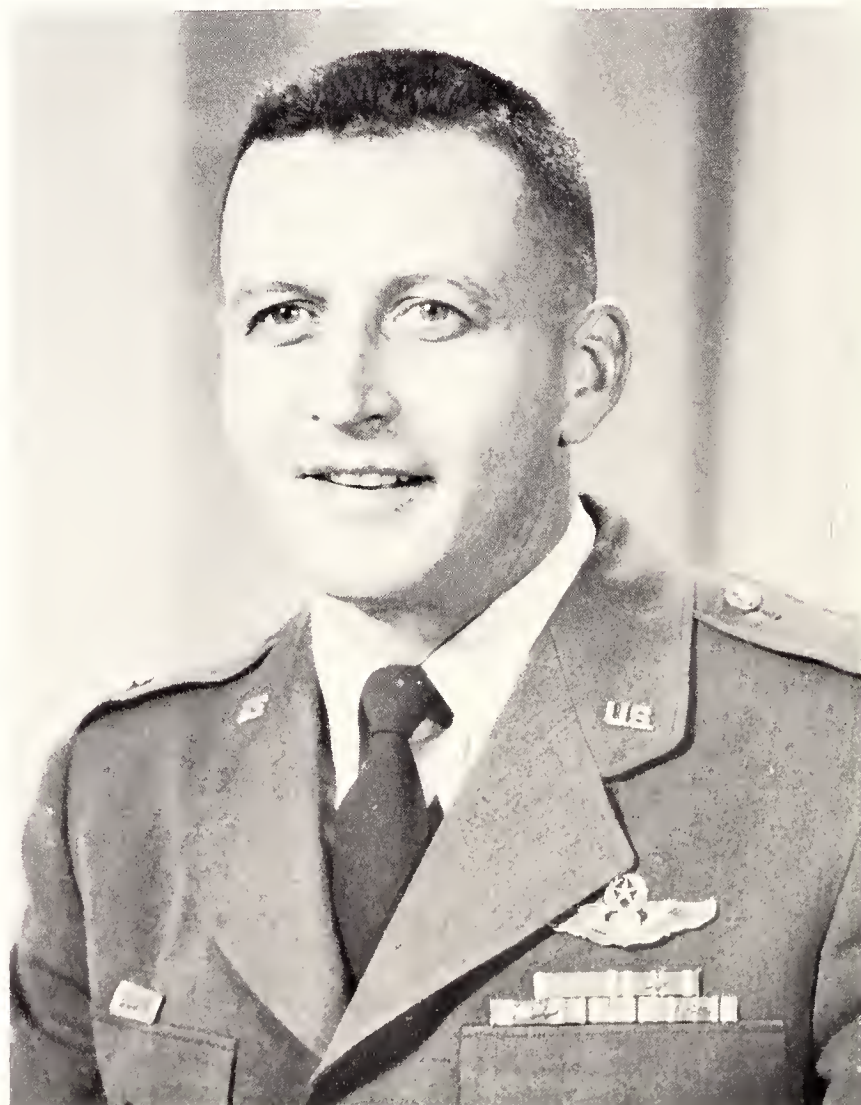




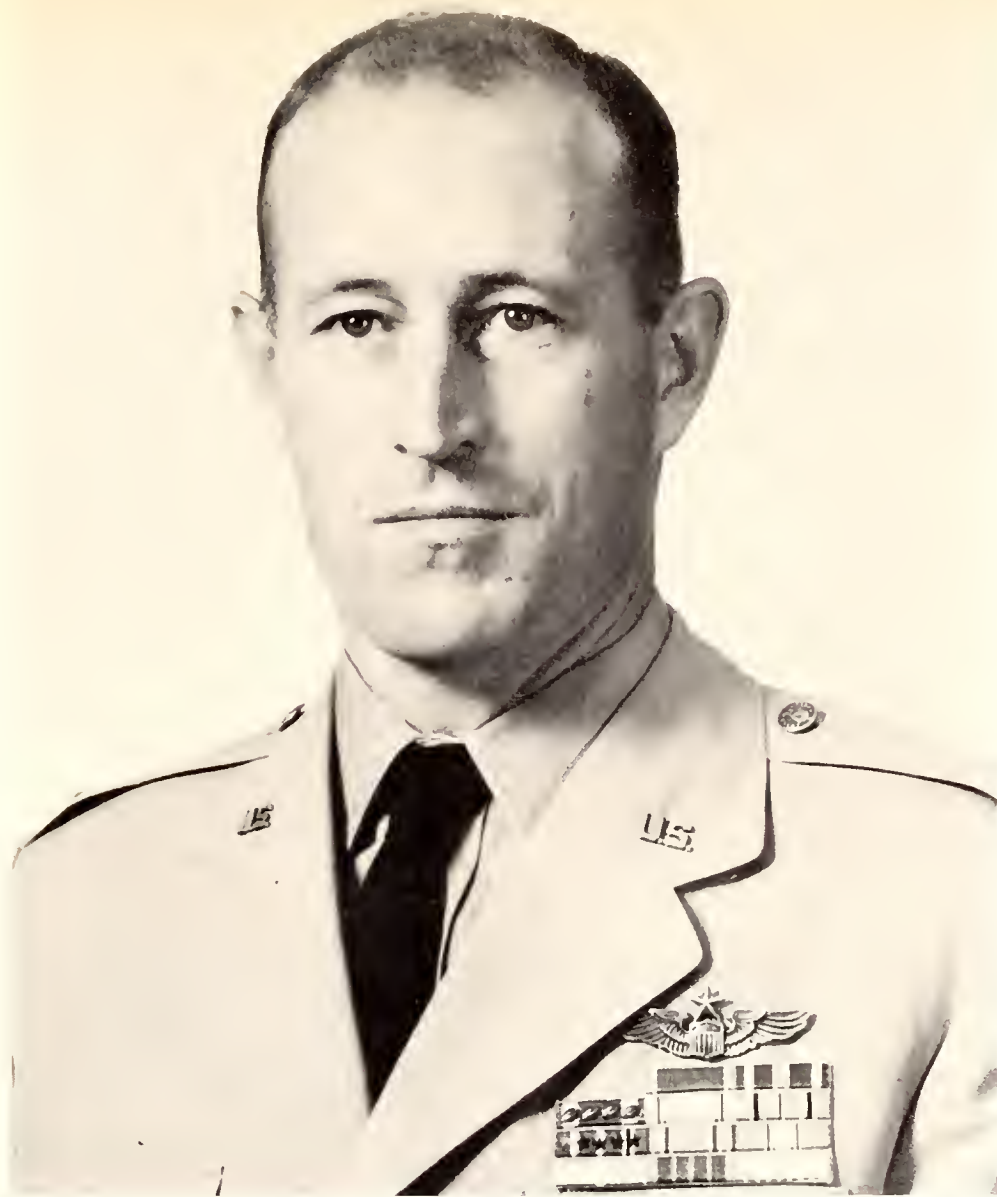
Deputy Commandant for Airmanship Studies
COL. GERARD G. WOLKE



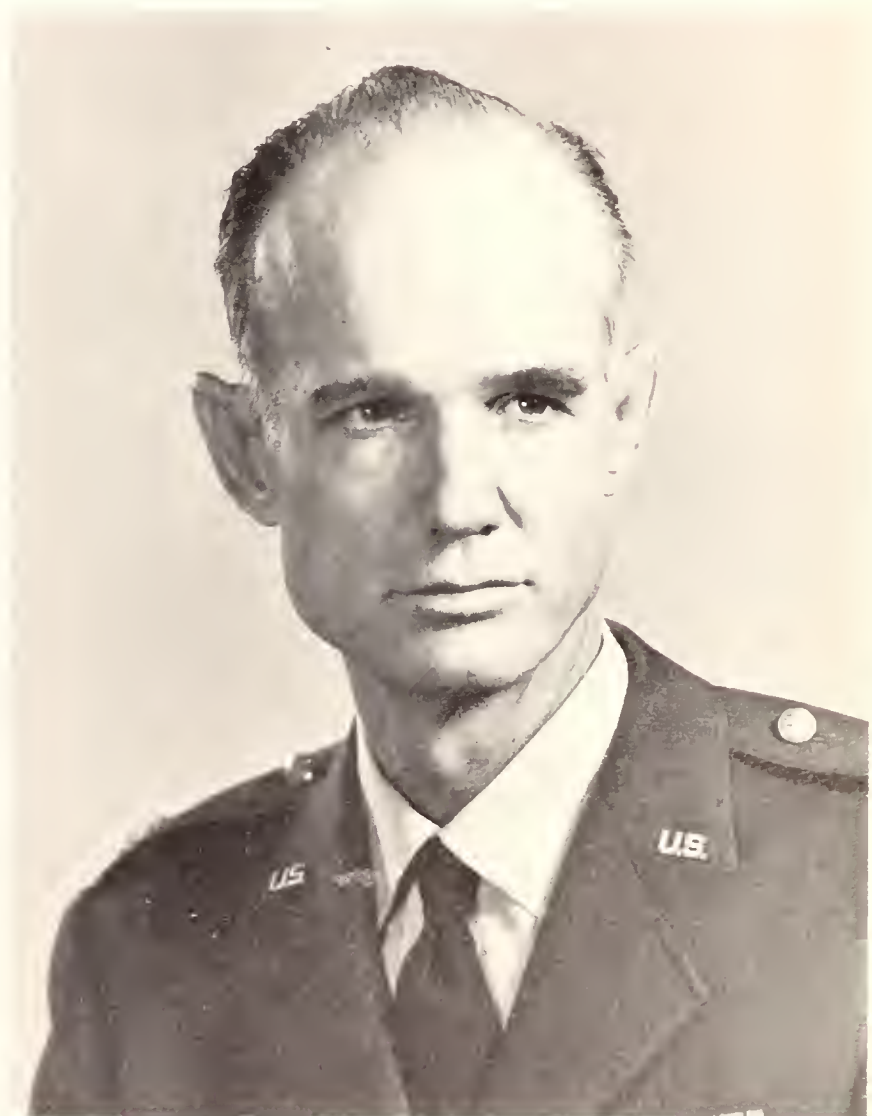
Director of Leadership Studies
LT. COL. GABRIEL D. OFIESH



Director of Military Studies
LT. COL. L. J. CHURCHVILLE



Deputy Commandant For Cadet Wing Command
COL. LOUIS T. SEITH



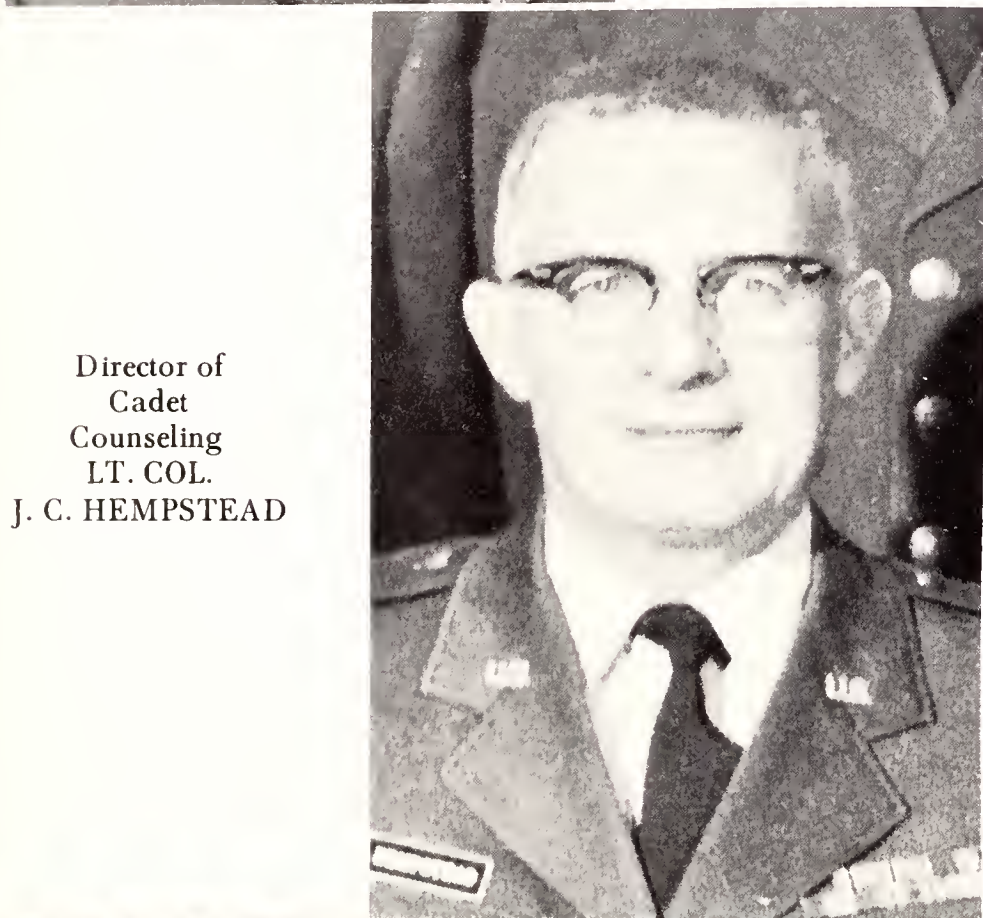
Director of Cadet Wing Services
LT. COL. C. R. DARNOLD



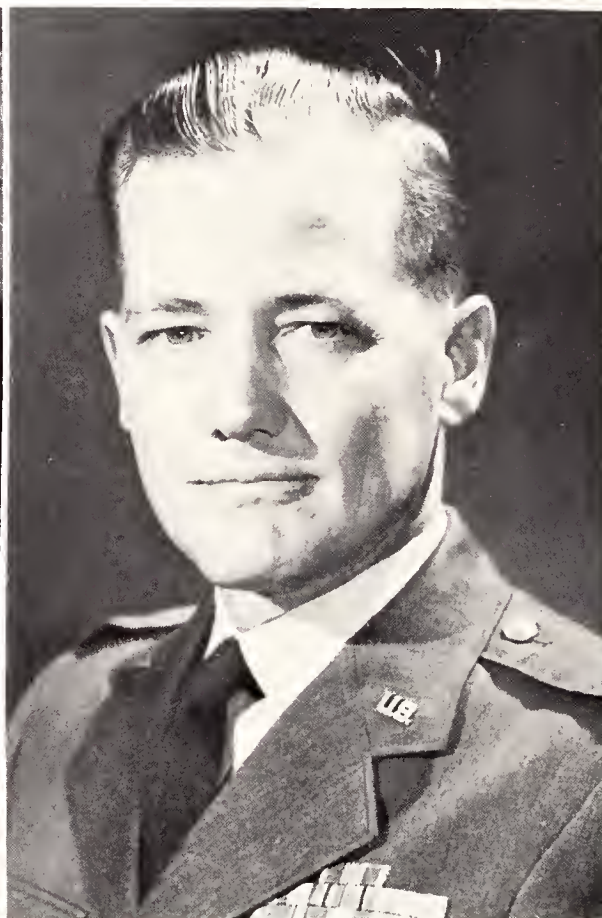
Assistant to Dean
LT. COL. V. J. FERRARI



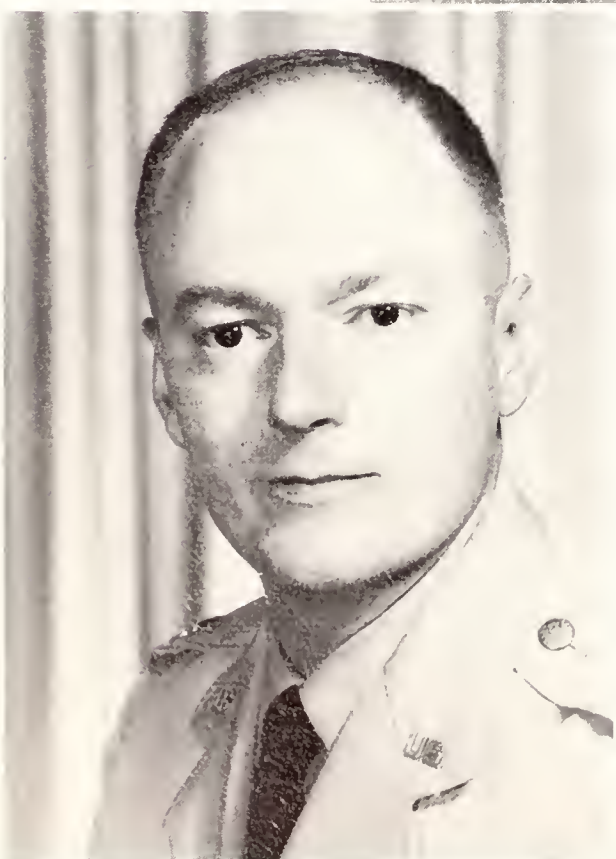
Director of Personnel and Administration
MAJ. STEPHEN MATTICK



Director of
Cadet
Counseling
LT. COL.
J. C. HEMPSTEAD



Director of
Cadet
Dining Hall
MAJ. M. McNABB



Director of Cadet Activities
CAPT. H. C. EMANUEL



Director Academy Band
CAPT. C. W. COSTENBADER



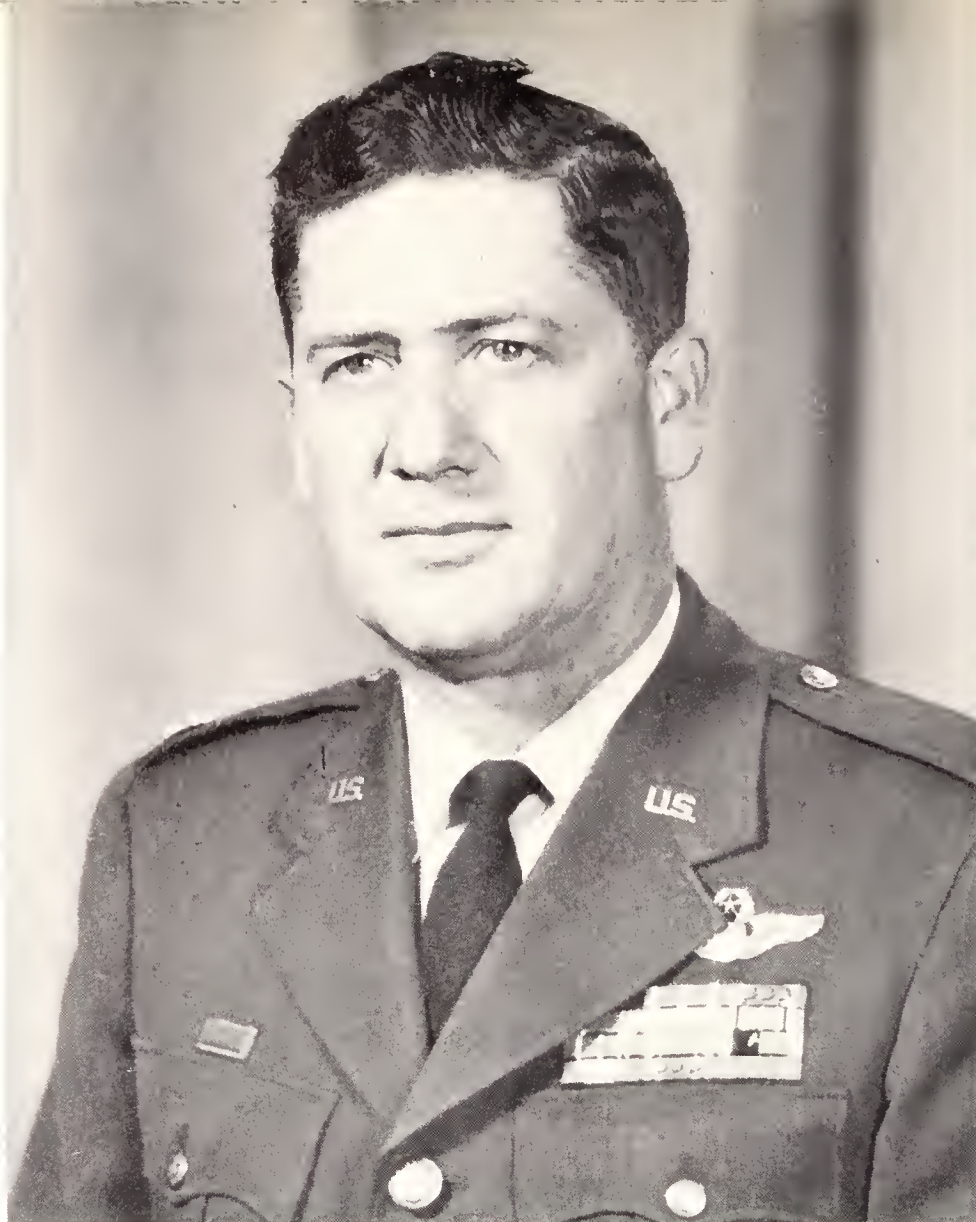
MRS. GAIL McCOMAS



MRS. P. TURNER

Cadet Wing Hostesses





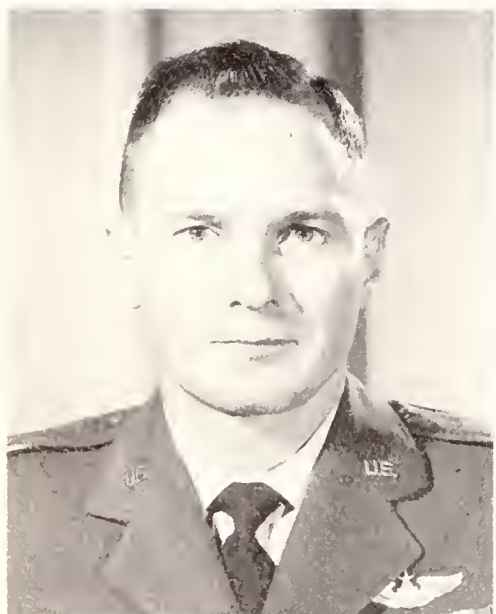
1st Group AOC
MAJ. EVERETTE L. MARCUM



1st Squadron AOC
CAPT. H. E. DUNIVANT



2nd Squadron AOC
CAPT. RUFUS M. MONTS



3rd Squadron AOC
CAPT. FREDRICK J.
HAMPTON



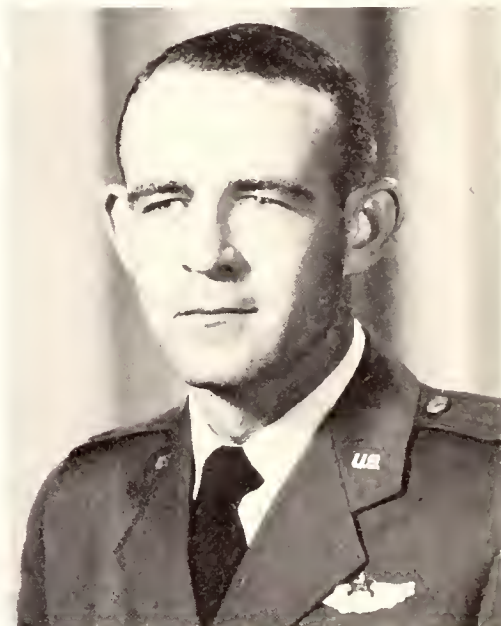
4th Squadron AOC
MAJ. CHARLES M. HALL



2nd Group AOC
MAJ. R. A. DUNN



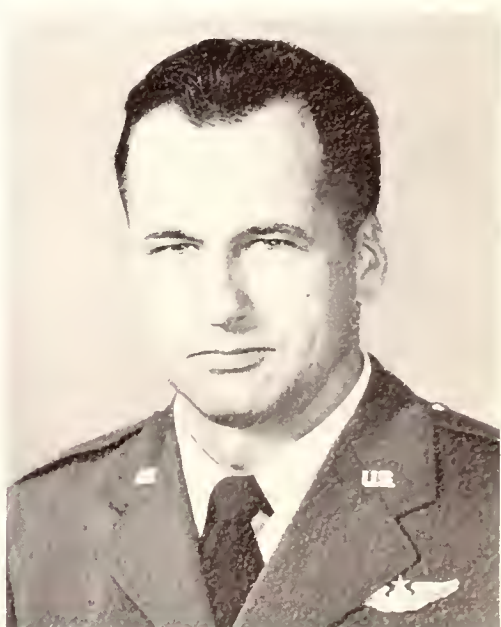
5th Squadron AOC
CAPT. BILLY J. ELLIS



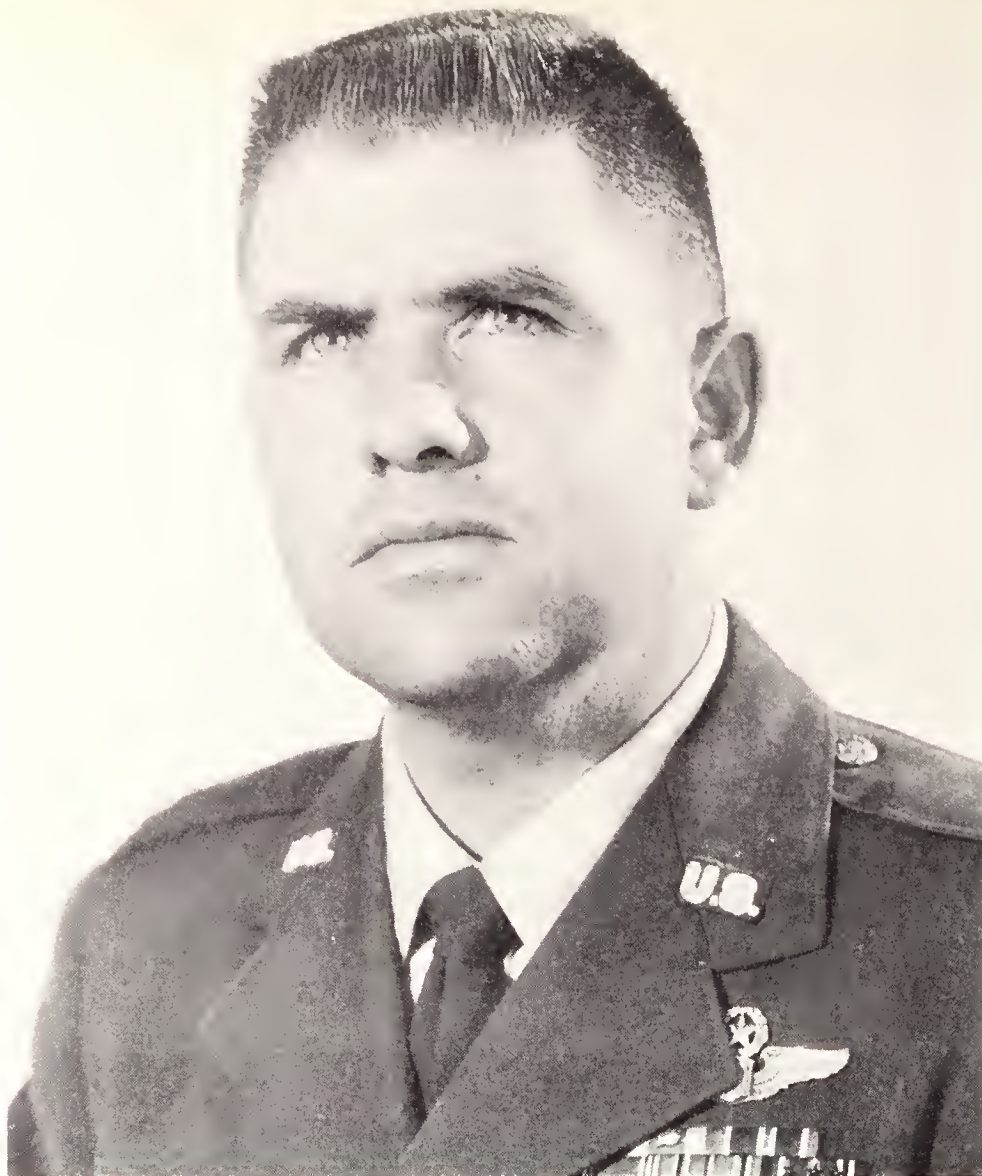
6th Squadron AOC
CAPT. PATRICK E. MCGILL



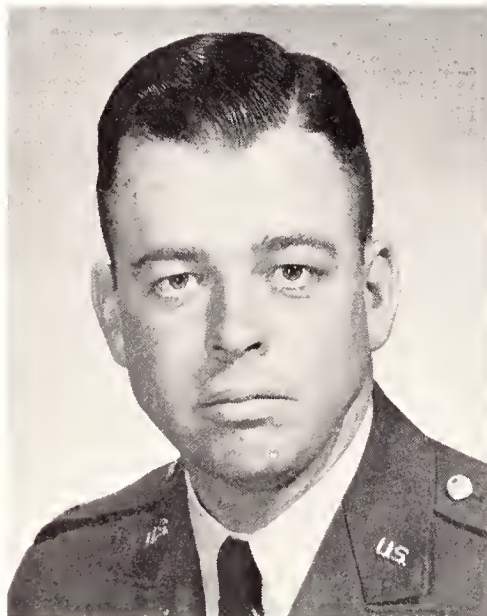
7th Squadron AOC
MAJ. EARLE H. AMBROSE



8th Squadron AOC
CAPT. PAUL M. INGRAM



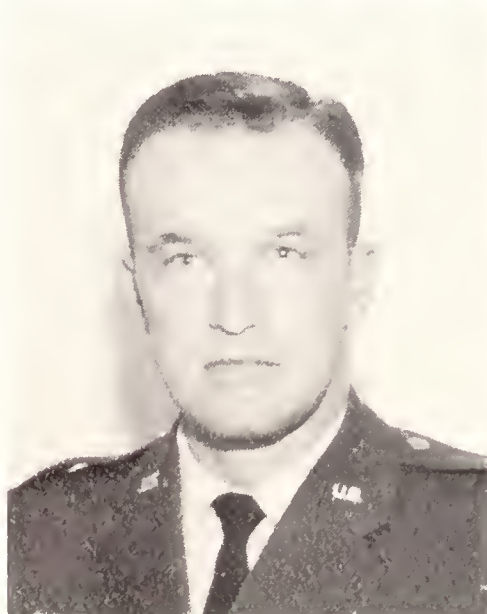
3rd Group AOC
LT. COL. M. L. BOSWELL



9th Squadron AOC
MAJ. WILLIAM A. PATCH



10th Squadron AOC
CAPT. RICHARD G. CARNRIGHT



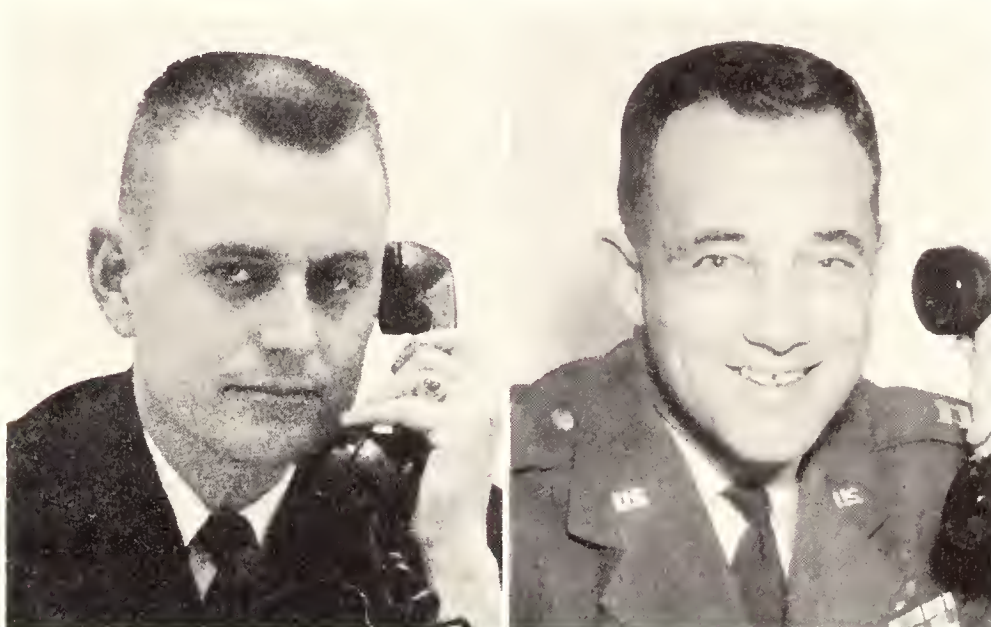
11th Squadron AOC
MAJ. C. E. HAIRSTON, JR.



12th Squadron AOC
MAJ. JAMES D. WOODSON

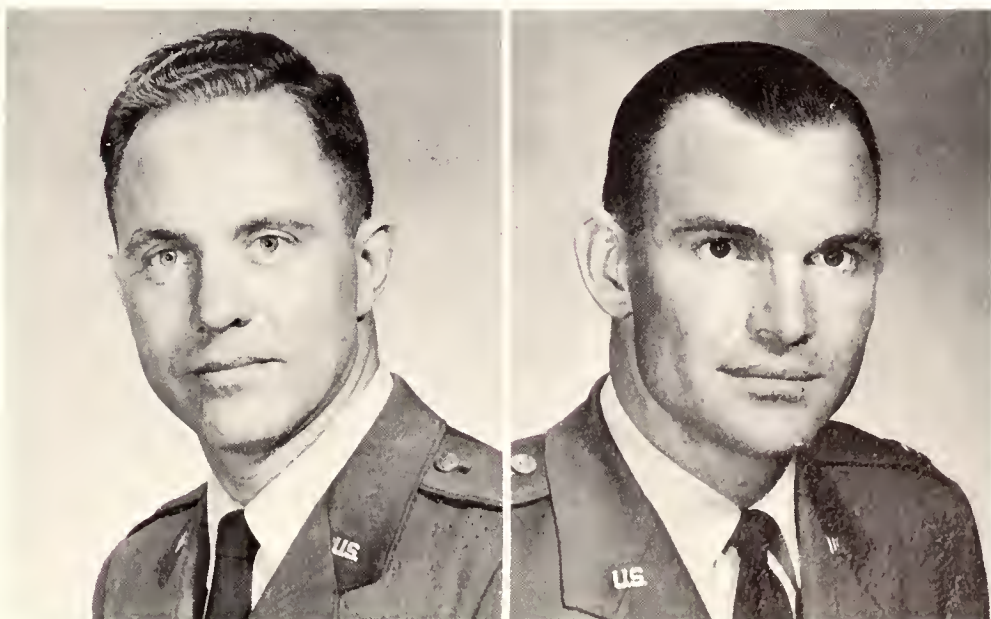


4th Group AOC
MAJ. LEONARD W. LILLEY



13th Squadron AOC
LT. COMDR. W. N. SMALL

14th Squadron AOC
CAPT. RALPH W.
STEPHENSON



15th Squadron AOC
CAPT. THOMAS F.
BULLOCK

16th Squadron AOC
MAJ. JAMES G. SANDMAN

Department of Military Studies

Director of Military Studies
LT. COL. L. J. CHURCHVILLE

Standing: Cpts. Hite, K. F.; Baxter, W. H.; Mullaney, D. M.; Crane, G. A. **Seated:** Lcdr J. N. Price, Lt. Col. L. J. Churchville, Maj. R. M. Pomeroy. **Absent:** Wg Cdr R. W. G. Freer, Sqdn Ldr K. A. Martin.



Department of Leadership Studies

Director of Leadership Studies
LT. COL. GABRIEL D. OFIESH

Standing: Capt. Lyle D. Koopke, Capt. Mathews M. Collins, TSgt. William L. Brooks, MSgt. Vernon D. Doyhoff, Capt. Joseph P. Seymour (U.S.A.). **Seated:** Capt. John A. Magee, Jr., Lt. Colonel William G. Ryan, Lt. Colonel Gabriel D. Ofiesh, Major Edwin G. Triner, Capt. Robert E. Stockhouse.





Back row, left to right: Major Arthur R. Steiger, Maj. George E. Yole, Jr., Capt. John E. Chrisinger, Capt. Martin M. Bretting, Capt. Loren A. Anderson. **Front row:** Lt. Col. Goge H. Crocker, Colonel Gerhardt C. Clementson (Professor), Lt. Col. James H. Palve (Assoc. Professor), Maj. Jean G. Goppert.

Professor of Aeronautics
COL. GERHARDT C. CLEMENTSON

Department of Aeronautics

Department of Astronautics

Professor of Astronautics
COL. RICHARD C. GIBSON

Standing, left to right: Capt. Joe E. Anderson, Jr., Capt. Norbert D. LoVolly, Capt. Daniel S. Barnes, Capt. Evert D. Wilmoth, Capt. Roger W. Johnson. **Seated, left to right:** Capt. Roland E. Thomas, Lt. Col. Robert E. Collier, Capt. Roger R. Bote. **Not shown:** Capt. George T. James, Jr., Col. Richard C. Gibson (Dept. Head).





Back Row: Capt. Calvin H. Schmid, Lt. Douglas L. Smith, Capt. James E. Banks, Lt. Fred D. Bartleson, Jr., Capt. Willis S. Anderson, Lt. Arthur P. Raun, Capt. Henry W. Parlett, Capt. Francis X. Keilt, Capt. Lowell A. King, Capt. Harman C. Agnew, Capt. Loris D.

Whipple. Front Row: Maj. James W. McForland, Capt. William F. Goodner, Maj. Willis A. Cude, Jr., Lt/Col. Harrison E. Kee, Jr., Col. William T. Woodyard, Maj. Milton D. Sprinkel, Maj. Robert L. Taylor, Capt. Frank M. Hammock.

Department of Chemistry

Professor of Chemistry
COL. WILLIAM T. WOODYARD

Department of Economics

Professor of Economics
LT. COL. WAYNE A. YEOMAN

Maj. William E. Block, Capt. Bob L. Whitfield, Maj. Hiram C. Coroom, Maj. C. A. Strawn, Maj. Robert G. Taylor, Maj. Robert E. Pursley, Capt. Jefferson A. Simpson, Maj. Charles E. Tychsen, Lt. Col. Wayne A. Yeoman, Capt. John Hansel, Jr.





Front Row (Seated L to R): Capt. Charles Barnett; Maj. Alfred E. Junod; Lt. Colonel Alfonso R. Miele; Colonel George L. Holcomb; Maj. Joseph J. Bednarski; Major Manuel C. Castro. **Second Row (Standing):** Capt. Charles W. Hammond; Capt. Robert F. C. Winger,

Capt. Robert A. Carlone; Capt. Larry H. Jackson; Capt. Jaime Ortiz-Lopez; Capt. Yves R. Geneste; 1st Lt. Oleg V. Suzdaleff.

Department of Foreign Languages

Professor of Foreign Languages
COL. GEORGE L. HOLCOMB

Front Row (Seated L to R): Capt. Arnold A. Anderson; Capt. Edward T. Ryan; Capt. Richard S. Steffel; Major Robert E. Duvall; Capt. Peter H. Davison; Capt. Julius M. Blum.

Second Row (Standing): Capt. James Ivan Miller, Jr.; 1st Lt. Louis J. Gregory; Capt. Ray D. Green; Capt. Charles R. Carney; Capt. William L. Roche; 1st Lt. Oleg V. Suzdaleff.





Back Row, left to right: Capt. Elmer H. Green, Major Robert M. Lowry, Jr., Capt. William B. Wilsan, Major William R. Manlove, Capt. William J. Quirk, Capt. Robert A. Walsh, Capt. James L. Singleton. **Seated, left to right:** Major Elbert J. Hagin, Lt. Col. Walter W.

Long, Colonel James V. G. Wilson (Head of the Department), Lt. Col. Thomas K. Oliver, Major Ray S. Basham.

Professor of Electrical Engineering
COL. JAMES V. G. WILSON

Department of Electrical Engineering

Department of English

Professor of English
COL. PETER R. MOODY

First Row: Maj. Miner, Maj. Weese, Lt. Col. Jackson, Lt. Col. Thompson, Col. Maady, Lt. Col. Linn, Maj. Carpenter, Maj. Cox. **Second Row:** Capt. Weaver, Capt. Briand, Capt. Bacon, 1st Lt. Wakin, Capt. Mendelsohn, Maj. Roberts, Capt. Henney, Maj. Lucas, 1st Lt.

Haney, Capt. Cook. **Third Row:** Capt. Berthelot, 1st Lt. Pierce, 1st Lt. Kitch, Capt. Powell, 1st Lt. Hand, 1st Lt. Bauer, Capt. Vollmann, Capt. Sweetser, 1st Lt. Kelly.





Front Row: Capt. W. J. Acker, Lt. Col. W. L. Baxter, 1/Lt. O. C. Patton. **Back Row:** Capt. W. M. Roberts, Jr., Maj. J. R. Byron, Capt. A. G. Lockord, Capt. L. C. L. Browne, Maj. L. E. Larson, Capt. A. B. Cole.

Professor of Geography and Cartography
LT. COL. WYLIE L. BAXTER

Department of Geography & Cartography

Department of History

Professor of History
LT. COL. JOHN R. SALA

Top Row, Left to Right: Capt. Louis P. Murroy, Capt. Norman D. Eaton, Maj. Arthur R. Kirkpatrick, Capt. Wm. J. Thorpe, Capt. Wm. E. Simons, Capt. Glenn E. Wasson, Capt. Albert H. Thelander, Capt. John Schlight, Capt. Richard J. Morrissey, Capt. Thomas A. Julian, Capt. David H. Zook, Capt. Harold D. Shultz, Capt. Wm. L. Richardson. **Bottom**

Row, Left to Right: Maj. Duone C. Tway, Lt. Colonel John L. Sutton, Lt. Colonel Silas R. Molyneux, Lt. Colonel John R. Sala, Lt. Colonel John A. Kerig, Lt. Colonel Wilbert H. Ruenheck, Lt. Colonel Eldon W. Downs.





Major David B. Stevens, Major Clarence E. Barnes, Major Charles M. Seeger, Major King D. Simon, Lt. Colonel Robert W. Michels, Colonel Christopher H. Munch, Lt. Colonel William L. Koch.

Professor of Law
COL. CHRISTOPHER H. MUNCH

Department of Law

Department of Mechanics

Professor of Mechanics
COL. ARCHIE HIGDON

Capt. Charles C. Neyhart, Capt. John L. Baldner, Capt. Gordon M. Gray, Capt. Tyler W. Tandler, 1/Lt. Jerald N. Christiansen, Capt. L. C. Brawne, Maj. Frank F. Marvin, Maj. John A. Barricklaw, Col. Archie Higdon, L/Col. Lee R. Standifer, Maj. Robert G. Valpey, Capt. R. Ramon Bonanno.





Front Row, Left to Right: Capt. John C. Gall, Capt. Lawrence G. Campbell, Lt. Col. Jean C. Hempstead, Lt. Col. Robert M. Elrick, Colonel John W. Ault, Lt. Col. John W. Querry, Capt. Boyd W. Johnson, Capt. James C. Marsh. **Back Row:** Capt. Paul V. Vegna, Capt.

Richard L. Eisenman, Capt. Robert H. Johnston, Capt. Joseph W. Best, Major Arthur W. Bonister, Capt. John R. Cragin, Capt. Robert S. Slizeski, Capt. Verle Johnston, Capt. Leonard R. Howell, Capt. Malcolm E. Ryan.

Department of Mathematics

Professor of Mathematics
COL. JOHN W. AULT

Front Row, Left to Right: Capt. Billy J. Welch, Capt. Michael J. Steger, Capt. William R. Lambert, Capt. James H. Sullivan, Capt. Jack T. Humphries, Capt. Bradford C. Healy, Capt. Ray W. Oesch, Capt. Edward Anlian. **Back Row:** Capt. Richard R. Erbschlae, Major

Norman H. Smith, Capt. Nicholas P. Callas, Capt. Marvin C. Patton, Major Rex K. Moorhead, Capt. Billy D. Harrison, Capt. Wells P. Rollins, 1st Lt. David R. Barr.





Seated, Left to Right: Capt. Edgor F. Puryear, Jr., Maj. Joseph D. Cortez, Maj. Ralph B. Hemmig, Capt. Helmuth L. Uken, 1/Lt. Edward J. Bochniak, F/L. Robert R. Barber (RCAF), Capt. Donald D. Zurowski, Lt. Donald D. Aldern(USN). **Standing:** Capt. Boyd A. Watson,

Capt. John F. Reilly, Capt. David J. Colgan, Capt. Chorles H. Brown, Jr., Capt. Henry A. Beiderbecke, Capt. Fred E. Glover, Capt. Francis J. McGouldrick, Jr., Capt. William H. Gibson, Capt. Walter C. Downing.

Director of Navigation
LT. COL. VICTOR C. CONWAY

Department of Navigation

Department of Physics

Professor of Physics
COL. ARCHIE HIGDON

Sitting: Major Melvin R. Keller, Major Seymour Shwiller, Colonel Archie Higdan, Professor and Head; Lt. Colonel Lewis L. Bowen, Major Kermit C. Koericher, and Lt. Colonel

Roy T. Crosland. **Standing:** Capt. Brice C. Custer, Capt. James O. Alderman, 1st Lt. Horry I. Axelrod, Capt. Clyde C. Reynolds, Capt. James D. Butt, and Capt. Craig W. Gridley.





Front Row, Left to Right: Capt. Jack M. Steger, Capt. Michael F. McNamara, Capt. Ray L. Anderson, Jr., Lt. Colonel James F. Frakes, Capt. Richard E. Russ, 1st Lt. Robert D. Peck, Jr., Capt. Richard L. Fritts. **Back Row, Left to Right:** Major Robert B. Spear, Capt. E.

Rox Shain, Major Frederick F. Cook, Capt. Robert M. Sullivan, Jr., Capt. Walter A. Lenz, Mr. Nicholas G. Toth, Capt. Alfred M. Miller, Jr., 1st Lt. Frank M. Verducci, Capt. Edward P. Matthews, Jr.

Department of Physical Education

Director of Physical Education
LT. COL. CASIMIR J. MYSLINSKI

Front Row, Left to Right: Major John D. Ludlow, Lt. Colonel Casimir J. Myslinski, Karl A. Kitt, Arne U. Arnesen, Capt. Charles W. Oliver, Capt. Edwin H. King, Jr., Major Laurence E. Owens. **Back Row, Left to Right:** Capt. Paul S. Cleland, Jr., Capt. Ronald G. Allen, 1st

Lt. Richard D. Conant, Capt. Carl B. Crews, 1st Lt. Gerald C. Lawrence, 1st Lt. James N. Bowman, Capt. Lloyd C. Corder, Capt. Garrett D. Buckner, 1st Lt. Donald J. Sutton.





Front Row, L to R: Capt. Owen S. Nibley, Capt. William F. Lackman, Capt. Robert W. Koernig, Lt. Col. Wesley W. Pasvar, Capt. Richard C. Bowman, Capt. Larry J. Larsen, Maj. William F. Flannigan. **Second Row, L to R:** Capt. Russell T. Newman, Capt. Thomas

C. Pinckney, Capt. John C. Ries, Maj. Wallace H. Griffith, Capt. Dean S. Gausche, Capt. John J. Bayne, Capt. Jacob S. Refson, Capt. Donald W. Galvin, Capt. Richard F. Rosser, Capt. Robert M. Whitaker, Capt. Jack E. Freeman, Maj. Oscar H. Rechtschaffen.

Professor of Political Science
LT. COL. WESLEY T. POSVAR

Department of Political Science

Department of Thermodynamics

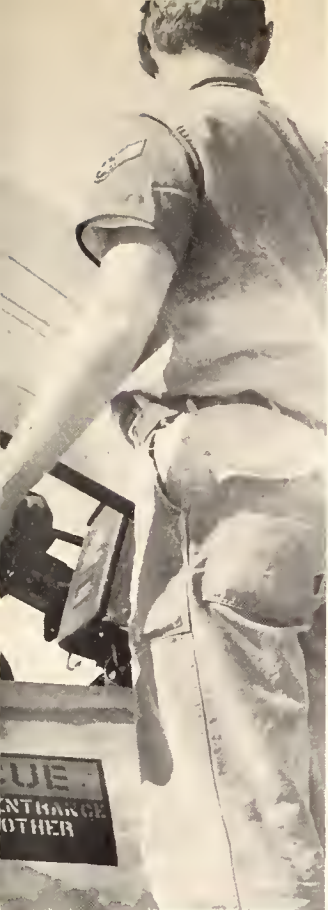
Professor of Thermodynamics
LT. COL. PAUL H. DANE

Bottom Row, L to R: Lt. Colonel John S. Ingham, Lt. Colonel George F. Babits, Colonel Paul H. Dane, Lt. Colonel Edward M. Rex, Major William R. Fuchs. **Top Row, L to R:**

Captain Arnim L. Brantley, Captain Jerome F. Naleid, Captain Darwin R. Hamilton, Captain William H. Loomis, Major Donald S. Lopez, Captain Emmett A. Niblack, Jr.







They showed us the way.







Varsity Sports



BEN MARTIN
Head Coach

Football

AFA	20	Wyoming	7
AFA	27	Trinity	6
AFA	21	Idaho	0
AFA	3	Oregon	20
AFA	20	UCLA	7
AFA	13	Army	13
AFA	0	Missouri	13
AFA	22	Arizona	15
AFA	27	New Mexico	28
AFA	7	Colorado	15

Won 5 Lost 4 Tied 1
Officer Rep.: Col. J. G. V. Wilson

Front Row: Phil Lane, Bob Brickey, Dan Johnson, George Pupich, Howie Bronson, Rich Mayo, Neal Rountree, Mike Quinlon. **Second Row:** Charles Moores, Sam Hardage, Jim Kerr, Rony Cubero, Mike Rowllins, Charles Worack, John Kuenzel, Charles Waterman. **Third Row:** Monte Moorberg, Bob Wagner, Bob Best, Tom Walker, Charles McCain, Pete Bobko, Jim Goodley, Doug McConnell. **Fourth Row:** Charles Dixon, Lyle Wilson, Reb

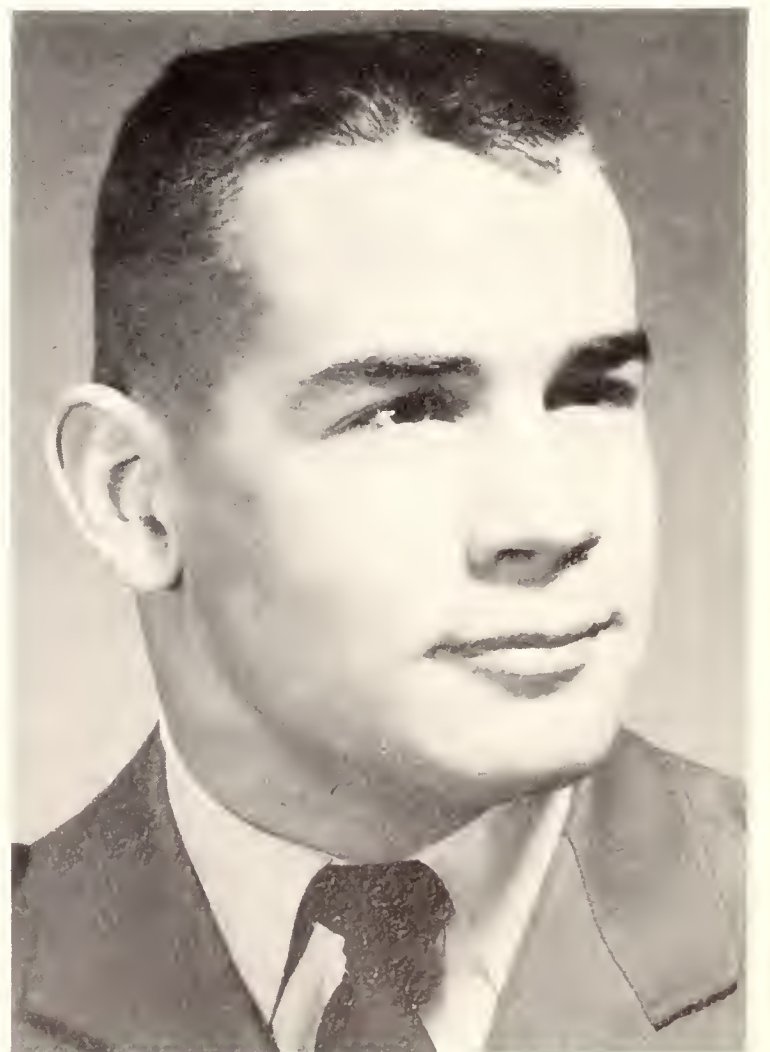
Jones, John Flonagon, Bob Boxter, E. C. Newmon, Ron Stoner. **Fifth Row:** Joe Morgon, Mike Tietge, Jack Bright, Jim Hinkle, Henry Hudson, Jack McDonough, Dick Schoof, Bob Staib. **Sixth Row:** Bill Zersen, Fronk Kiszely, Ray Sievers, Leo Johnson, Marty Fricks, John Moore, Gordon Wilson, Vern Kenley.





FOOTBALL STAFF

Capt. John Gurski, Tom Berry, Ben Martin, Capt. Tom Bakke, Lt. Pepper Rodgers, Capt. John Ignarski



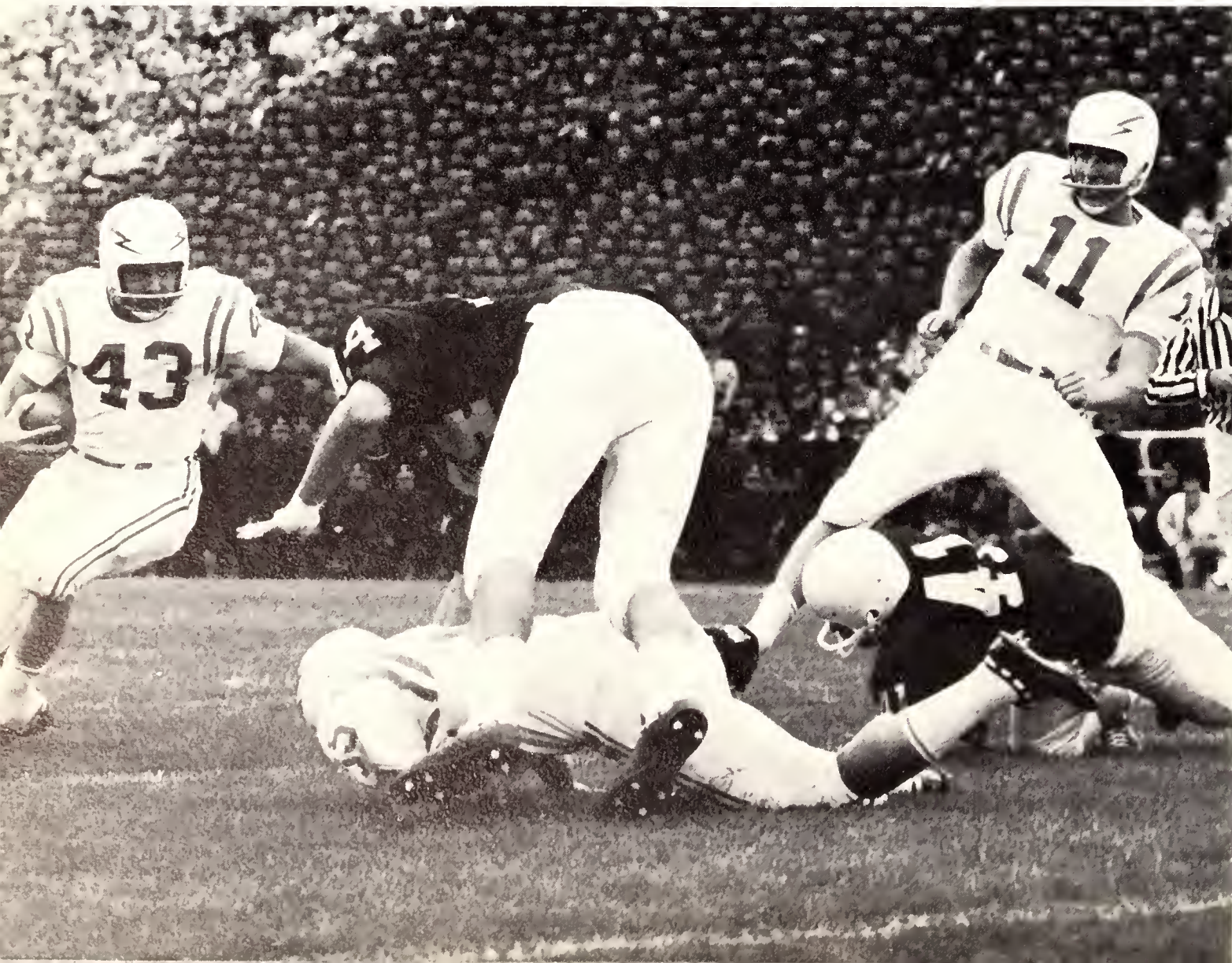
HOWIE BRONSON
Team Captain





The Cowboys put on the pressure.

206

But we blocked.



Result:


MINUTES 9 5
WYOMING 07
DOWN YDS TO
DRINK 





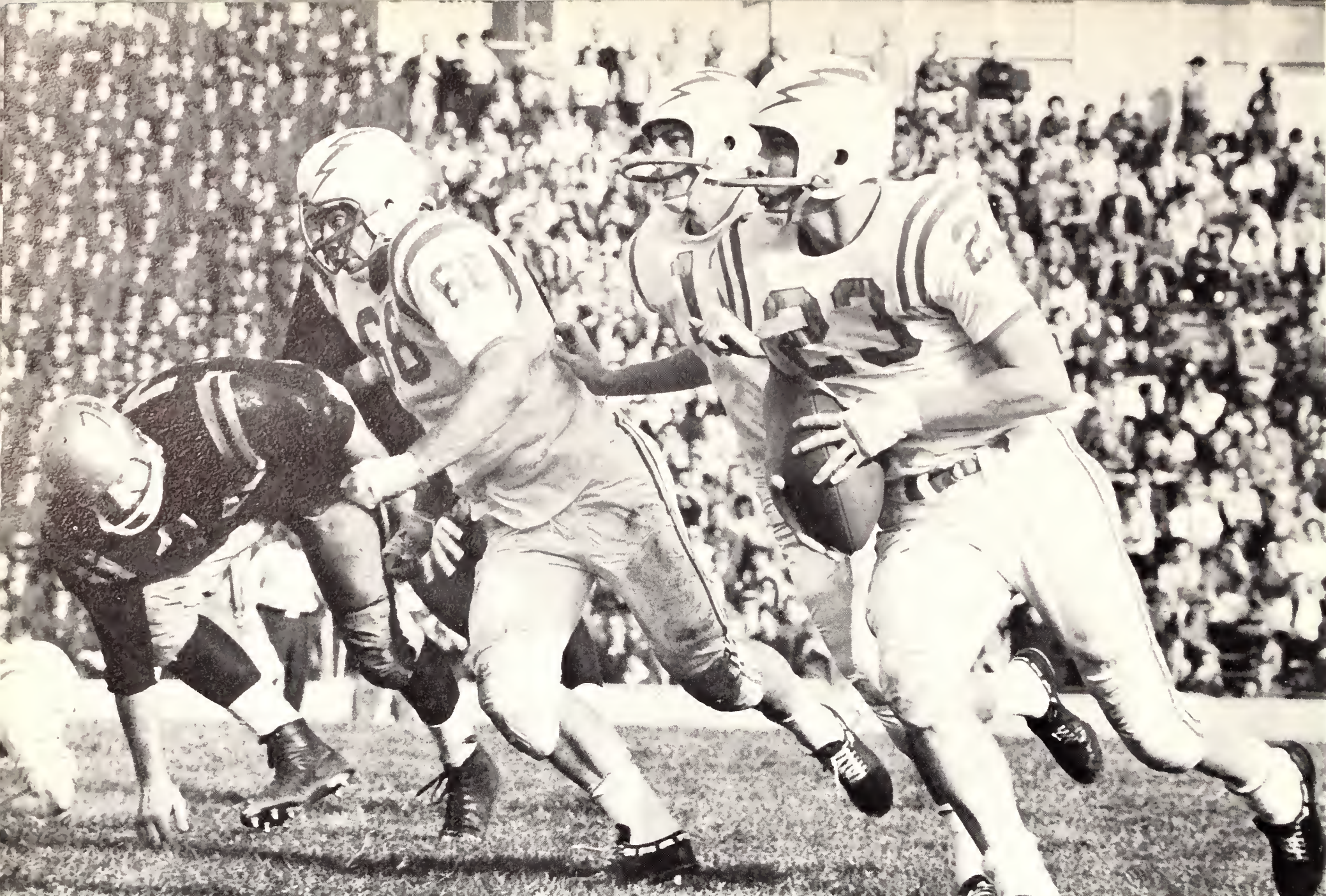
While the wing cheered,



then drove hard,

and finally broke through.



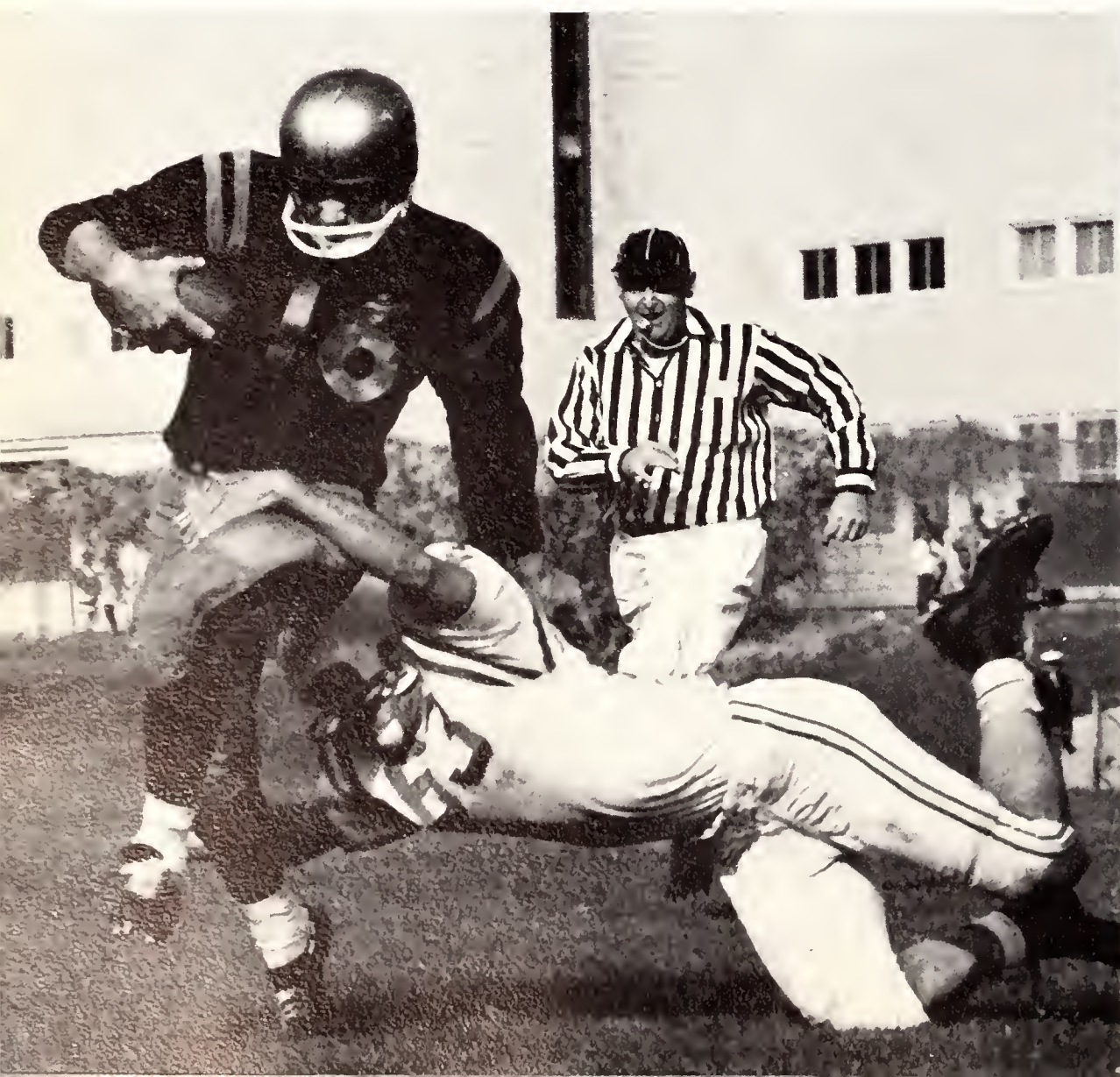


Idaho was overpowered,

208

stunned,

but they gave their all.



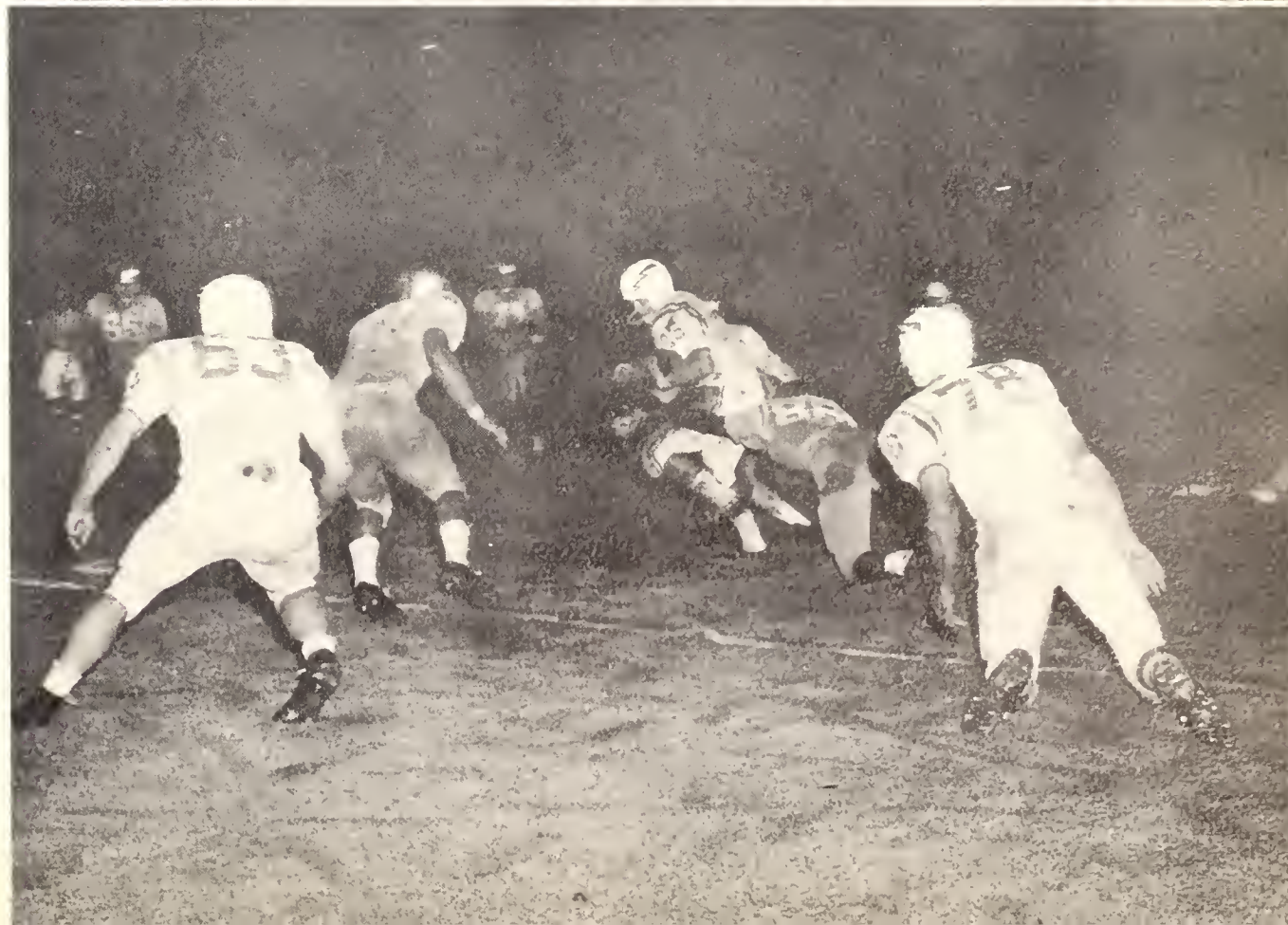
Then the
Falcons



turned to
night tactics
to defeat



the Uclans.

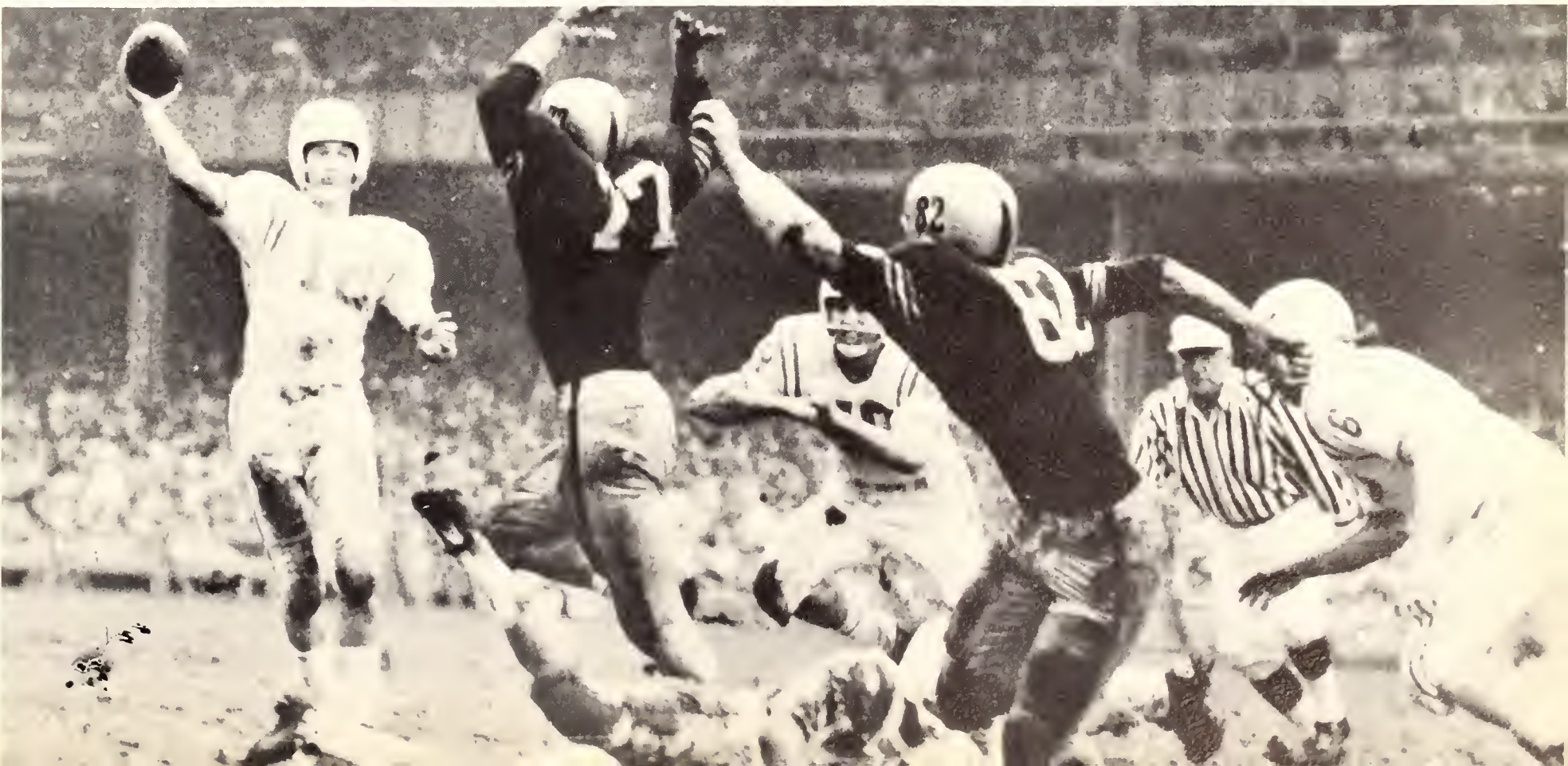
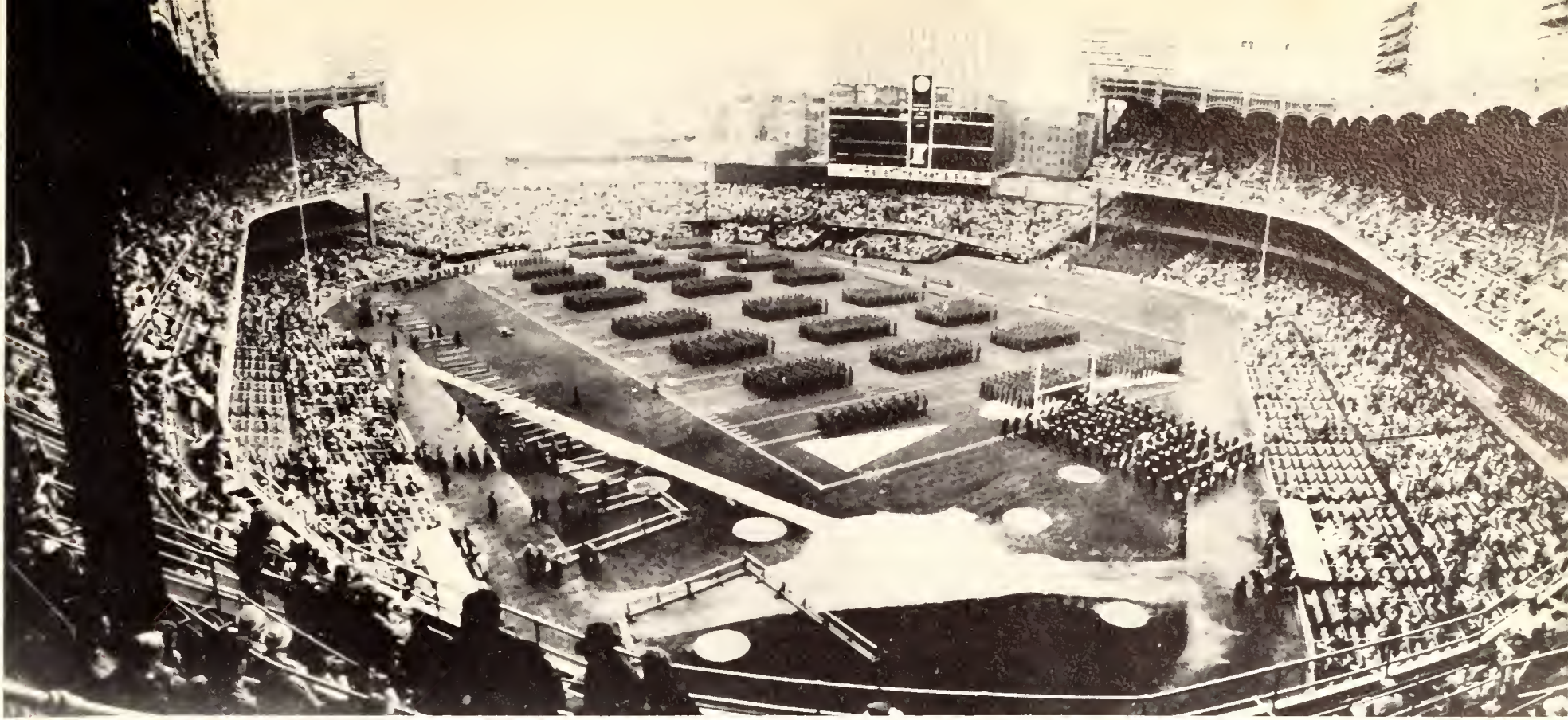




AFA-USMA

13

13

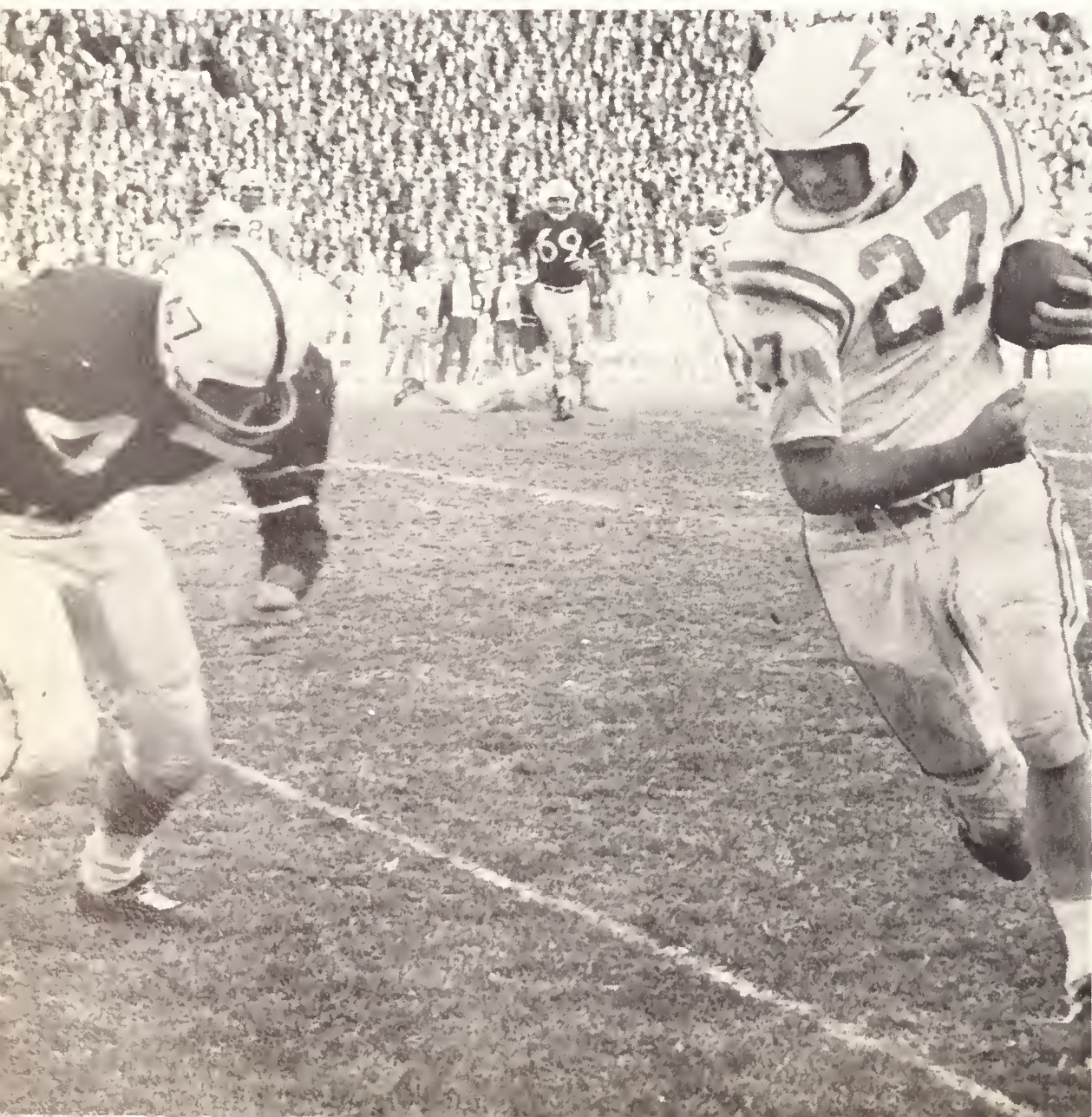




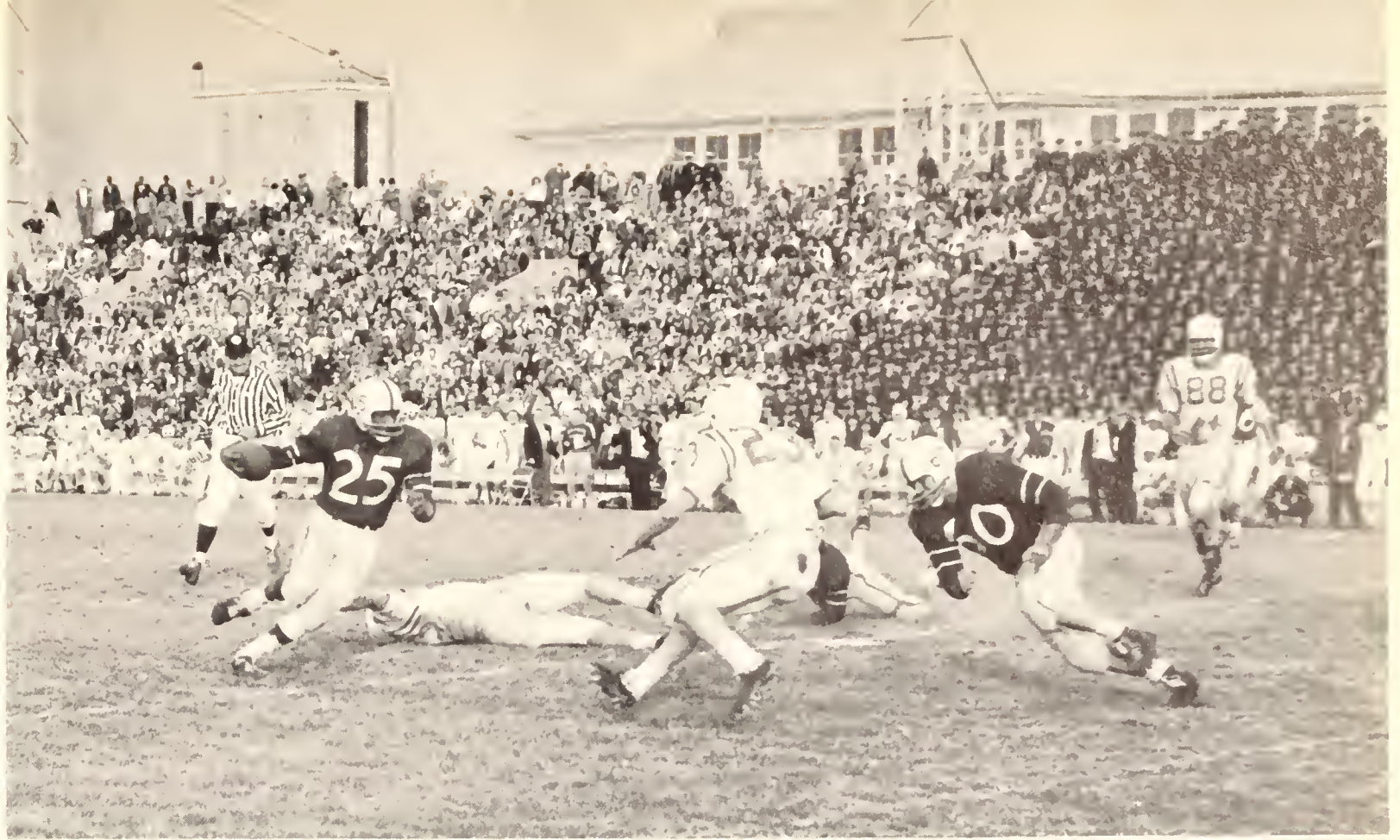
The Labas were tough.

We pushed and tackled hard.

212



They had
control of
things . . .



Then
we
did . . .



But one
point made
the
difference.





We struck first,

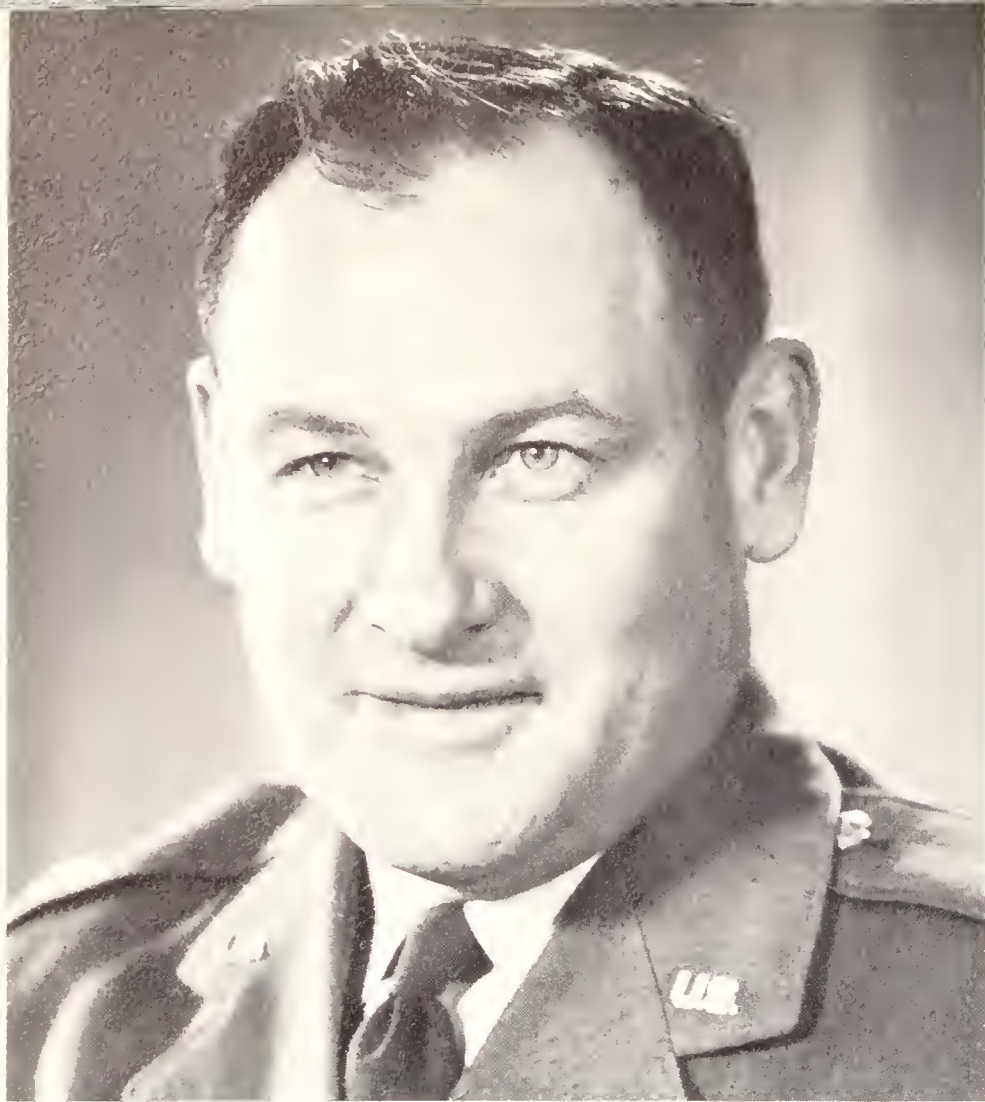
but the Buffs came back . . .





To even the series: a game apiece.





MAJOR SPEAR
Head Coach

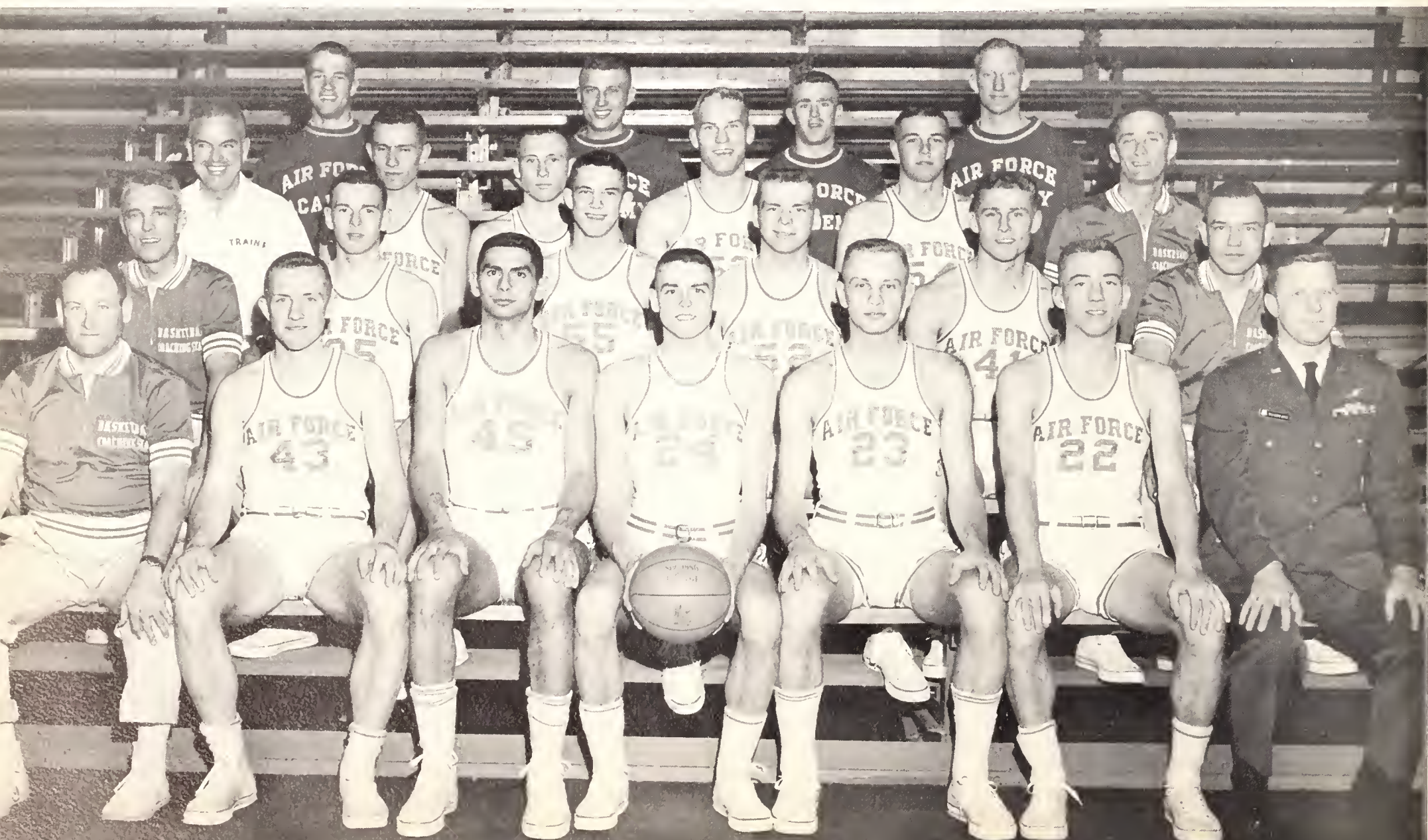
Basketball

AFA	49	Creighton	56
AFA	54	Nebraska	69
AFA	53	Denver	56
AFA	52	Notre Dame	67
AFA	36	Okla. St.	62
AFA	90	Omaha	41
AFA	63	Loyola	50
AFA	66	West. St.	59
AFA	61	Mont. St.	67
AFA	90	New Mex. Highlands	68
AFA	57	Wyoming	53
AFA	76	UCLA	75
AFA	70	Marquette	68
AFA	84	Colo. Mines	54
AFA	68	So. Dakota	67
AFA	66	Arizona	73
AFA	71	Arizona St.	78
AFA	71	East New Mex.	47
AFA	65	Regis	58
AFA	63	Depaul	69

Won 12, Lost 10

Officer Rep.: Col. William Woodyard

Front Row: Maj. Bob Spear (Coach), Tony Long, Ron Deep, Dan Wolfswinkel, Jim Ulm, Terry Norris, Col. William Woodyard (Off. Rep.). **Second Row:** Capt. Dave Mullaney (Ass't Coach), Bill Knipp, Henry Viccclio, Haven Hill, Jahn Stover, Capt. Bill Wilson (Ass't Coach). **Third Row:** Jim Conboy (Trainer), Kent Lammers, Larry Jensen, Bob Schaumberg, Daryl Olson, Capt. Joe Bradley (Ass't Coach). **Fourth Row:** Managers Ralph Fard, William Jolly, Ronald Fullerton, Brod Van Sant.





Don't sweat it fellas; I've got it!

217

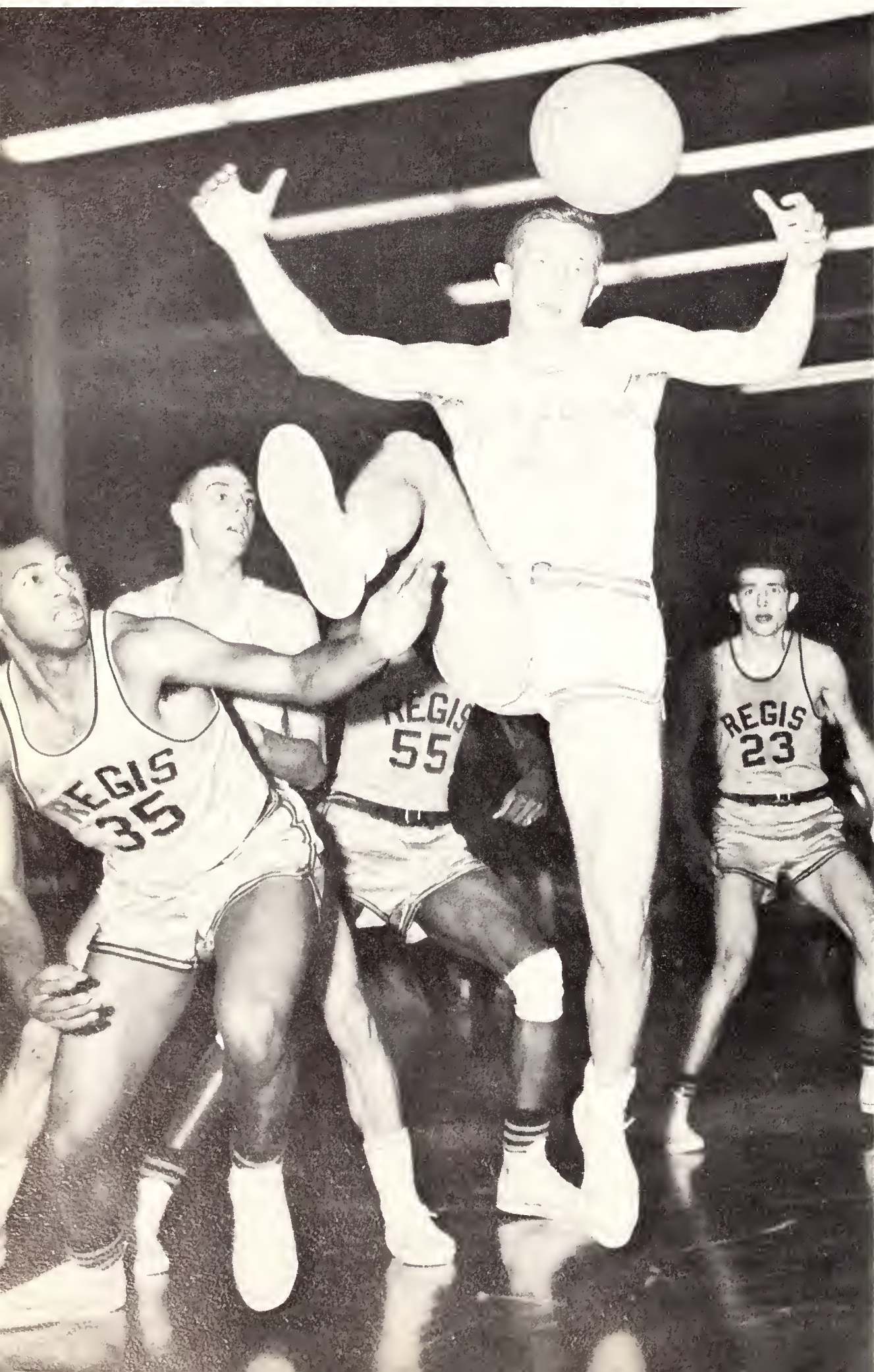


Long scores on drive.



DON WOLFSWINKEL
Team Captain

I told you I'd kick it, if . . .



How do I



Get out of here?

It looks hard this way.



Perhaps a jump . . .



Leave me have another try . . .



MACH .0005 accompanied by



and they did — and he did — or did he?



non-roted friend.



Don't you wish everyone did?



Mr. Viccellio and non-plussed friends.



CAPT. W. B. LAWRENCE
Coach

Baseball

AFA	3	New Mexico	0
AFA	12	New Mexico	3
AFA	1	Arizona	13
AFA	7	Arizona	19
AFA	0	Arizona	4
AFA	13	Denver	10
AFA	5	Morningside	4
AFA	2	Arizona	16
AFA	4	Arizona	9
AFA	2	Wyoming	7
AFA	7	Wyoming	15
AFA	12	Colorado	11
AFA	12	Denver	14
AFA	15	Western State	0
AFA	2	Regis	0
AFA	12	Regis	8
AFA	6	Colo. State U.	2
AFA	10	Colo. State U.	0
AFA	9	Wyoming	8
AFA	12	Colo. College	4
AFA	18	Colo. College	1
AFA	4	Colo. State Col.	13
AFA	13	Colo. State Col.	12

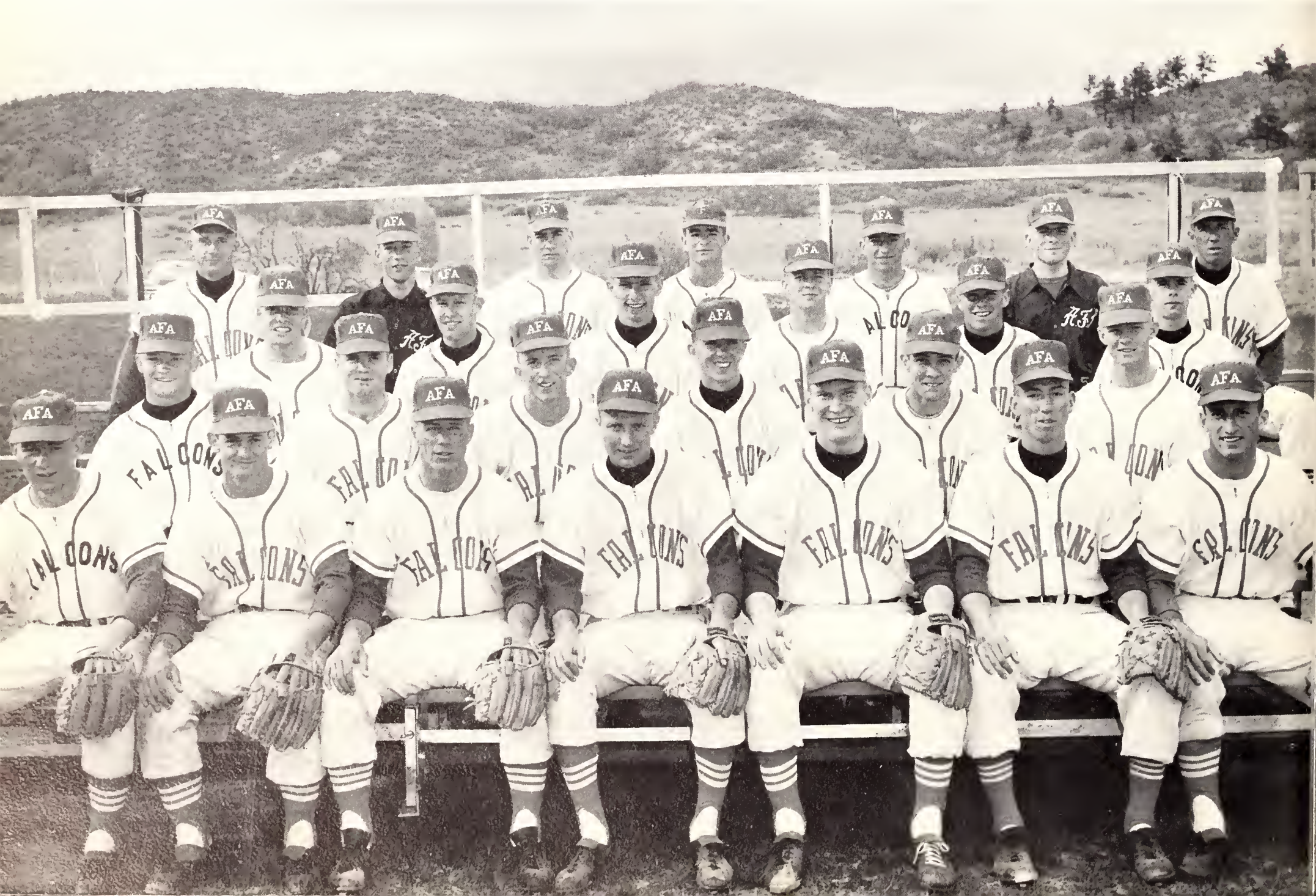
Won 14, Lost 9

Officer Rep.: Lt. Col. V. J. O'Connor

222

First Row: Rudy Bow, John Staples, Mike Quinlan, Narm Haller, Bob Schaumberg, Terry Norris, Clark Walker. **Second Row:** Kirk Clark, Daug Wade, Dave Pederson, Jim Kyle, Ed Martinelli, Troy Tamlin. **Third Row:** Alex Harwick, Larry Moore, Kent Lommers,

Jerry Daniel, Mike Major, Andy Banford. **Fourth Row:** Asst. Coach Mike McNamara, Charles Conover, Mgr; Tom Wilson, Don Watson, Paul Robinson, Nick Fritz, Coach Wendy Lawrence.



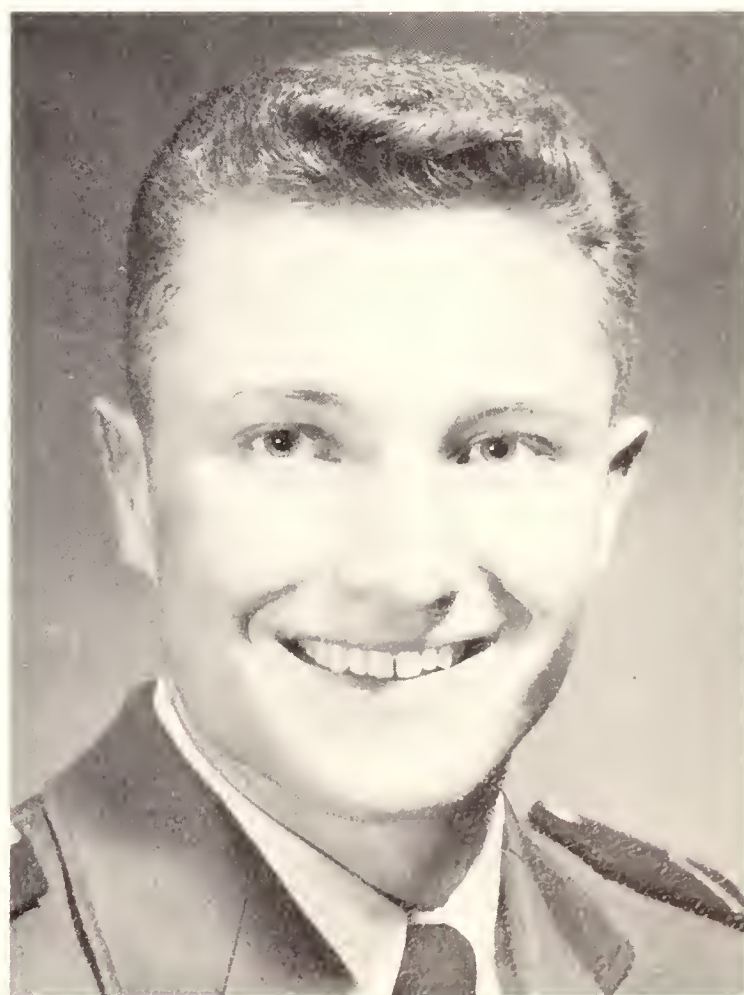


This is better than fishin'.

223



Most impressive stadium around.



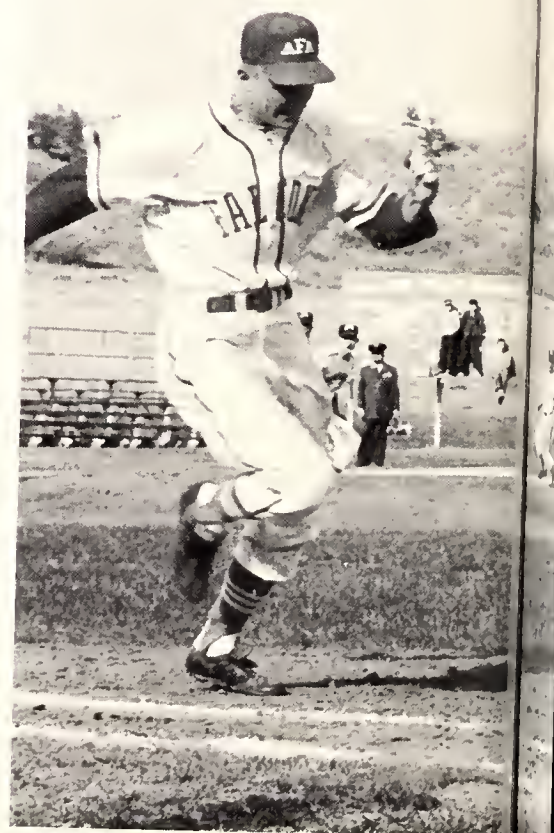
NORM HALLER
Team Captain



Takes a heck of a hit to clear the wall here.



We hit with gusto . . .



We ran with



But we always have that tempting target up on the hill.



We even acted as our own spectators.



MR. A. U. ARNESEN
Coach

Track

AFA	44	CSU	83
AFA	61	New Mex. Track Club	70
AFA	96	Wyoming	35
AFA	61	New Mexico	69
AFA	76½	Colo. U.	49½
		Denver U.	36
AFA	33	Nebraska	98
AFA	49	BYU	82
AFA	39	Arizona	91

Colorado Univ. Relays:
New Mex. 18, CU 12, AFA 11, Kans. St. 9, CSU 8, SMU 7, DU 1.

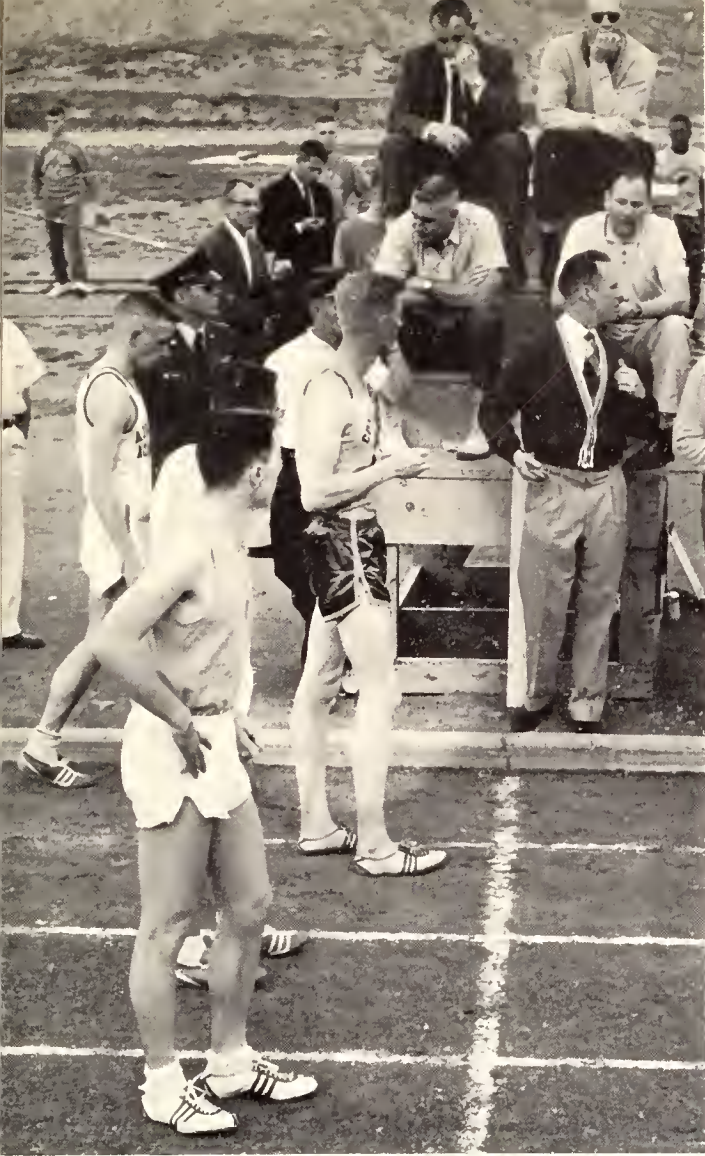
Won 3, Lost 6

Officer Rep.: Capt. Ty Tandler

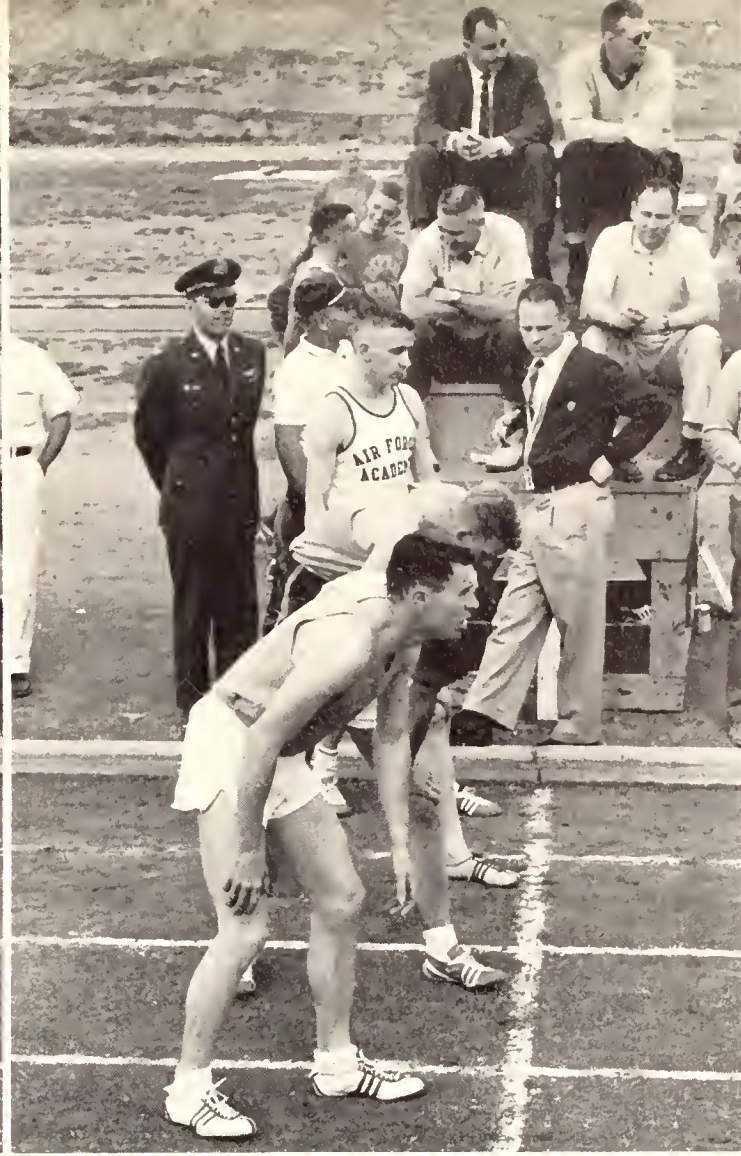
Front Row: James Morton (Mgr.), Bill Currier, Niels Jensen, Austin Wedemeyer, Dave Carlstrom, Tony Bilello (Co-Capt.), Miles Kaspar (Co-Capt.), Joseph Carlong, John Kohout. Second Row: Capt. Jack Steger, John Brucher, John Rogers, Bob Fisher, John Fer, Gory Baughmon, Butch Viccellio, Jim Polk, Cooch Arne Arnesen. Third Row: Doug

McConnell, Fred Sonzenbacher, Dick Perlotto, Bill Foster, Randy Hertzog, Dave Roe, Roy Stafford, Dick Schehr. Fourth Row: Capt. Hol Shultz, Jim D'Entremont, Bob Connolly, Will Holbrow, Dick Parker, Norm Roderick, Capt. Ed Matthews, Capt. Ty Tander.





No matter . . .



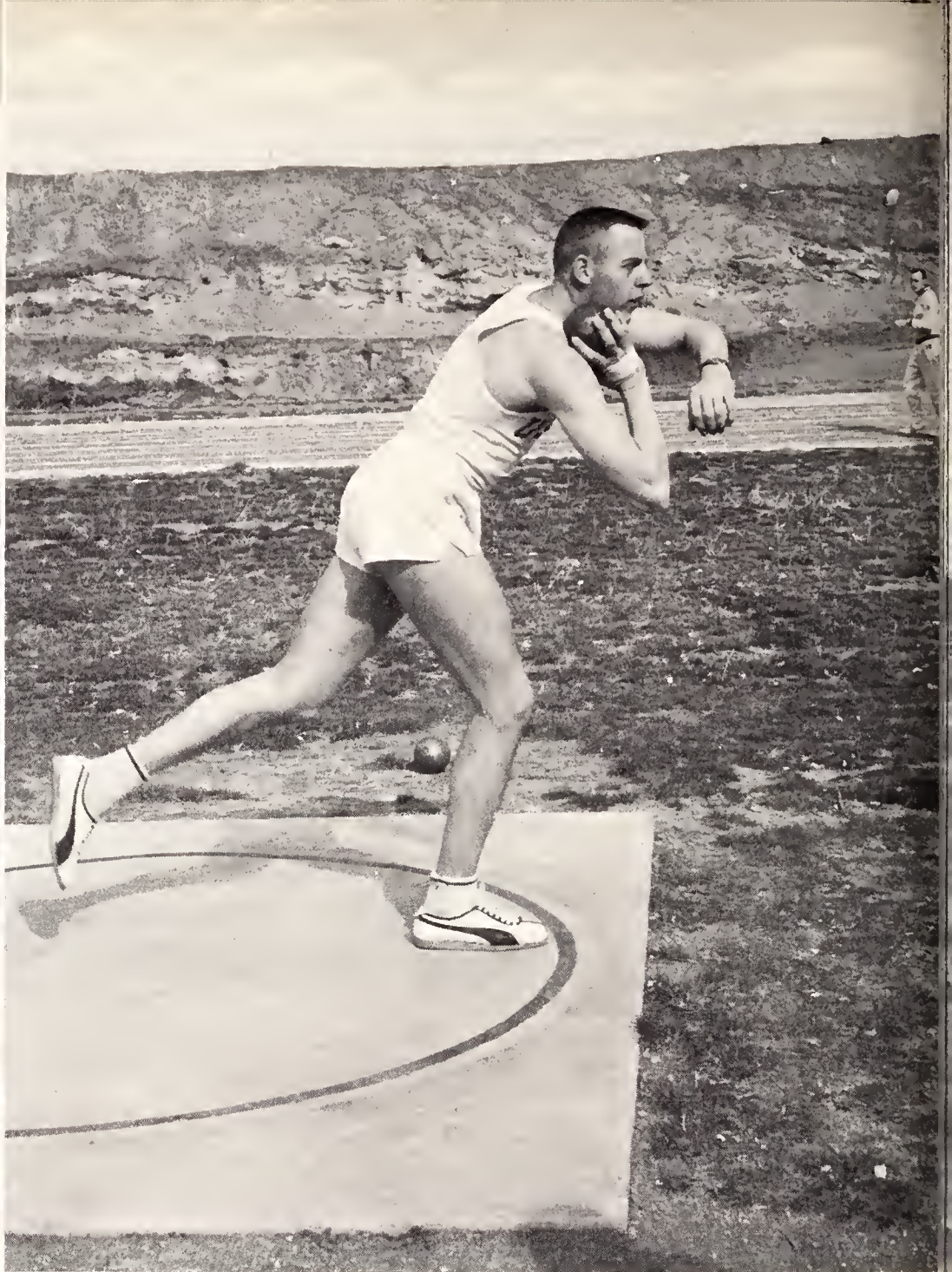
how you look at it . . .



our fleet-footed Falcons . . .



are way out front.



On the ground . . .



we scored our points . . .



And in the air . . .



usually.



CAPT. BOB SULLIVAN
Coach

Gymnastics

AFA	84	Denver	19
AFA	35	Illinois	76
AFA	29	So. Illinois	82
AFA	85	Brigham Young	27
AFA	83	Arizona	29
AFA	74½	CSU	37½
AFA	71	Colo. Univ.	41
AFA	58½	UCLA	69½
AFA	69	Colo. St.	43
AFA	34	Minnesota	78

All College Invitational:

1st Place AFA 169

Rocky Mountain AAU Championships:

1st Place AFA 137½

Won 6, Lost 4

Officer Rep.: Lt. Col. John Kerig

230

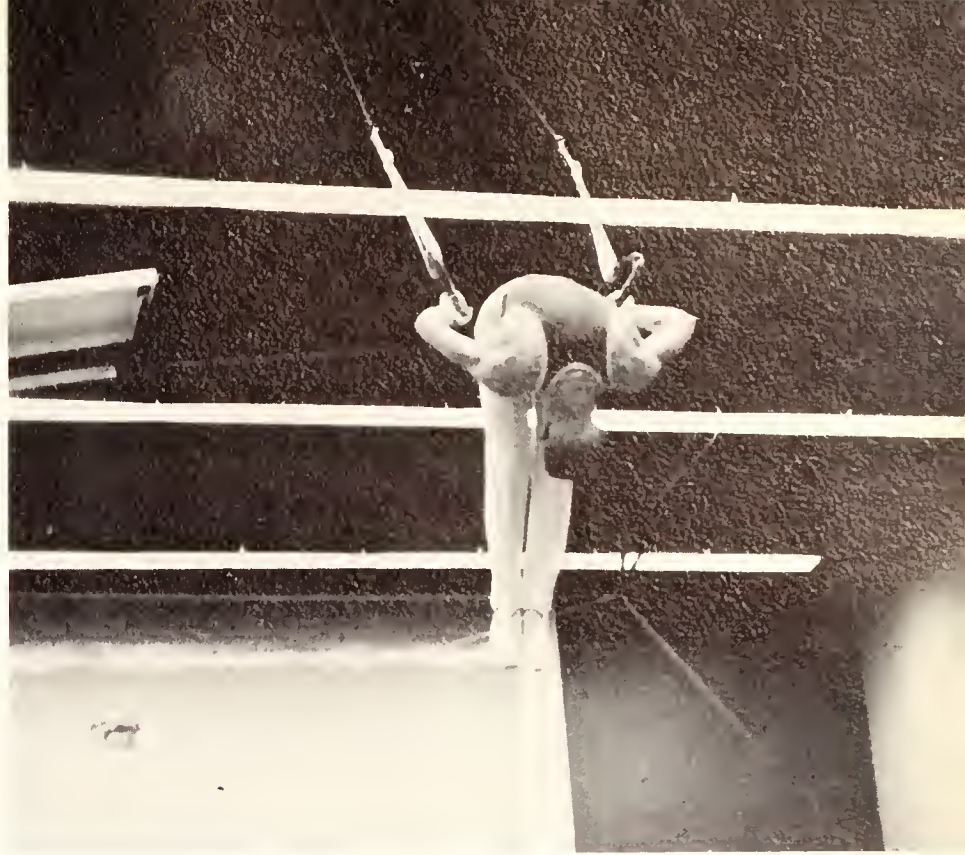
Front Row: Arthur Lewis, Paul O'Connor, Mike Love (Team Capt.), Lee Butler, John Rausch. Second Row: Capt. Bob Sullivan (Coach), David Hmiel, Gerard Young, James

O'Rourke, Randell Schaumberger, James Wilhelm, Lt. Col. Kerig (Off. Rep.). Third Row: Richard Hawell (Mgr.), Albert Johansen, Paul Sullivan, David Wiest, John Hendricks.





Sullivan's Pride takes to the air.



T'heck with pilot training. . .

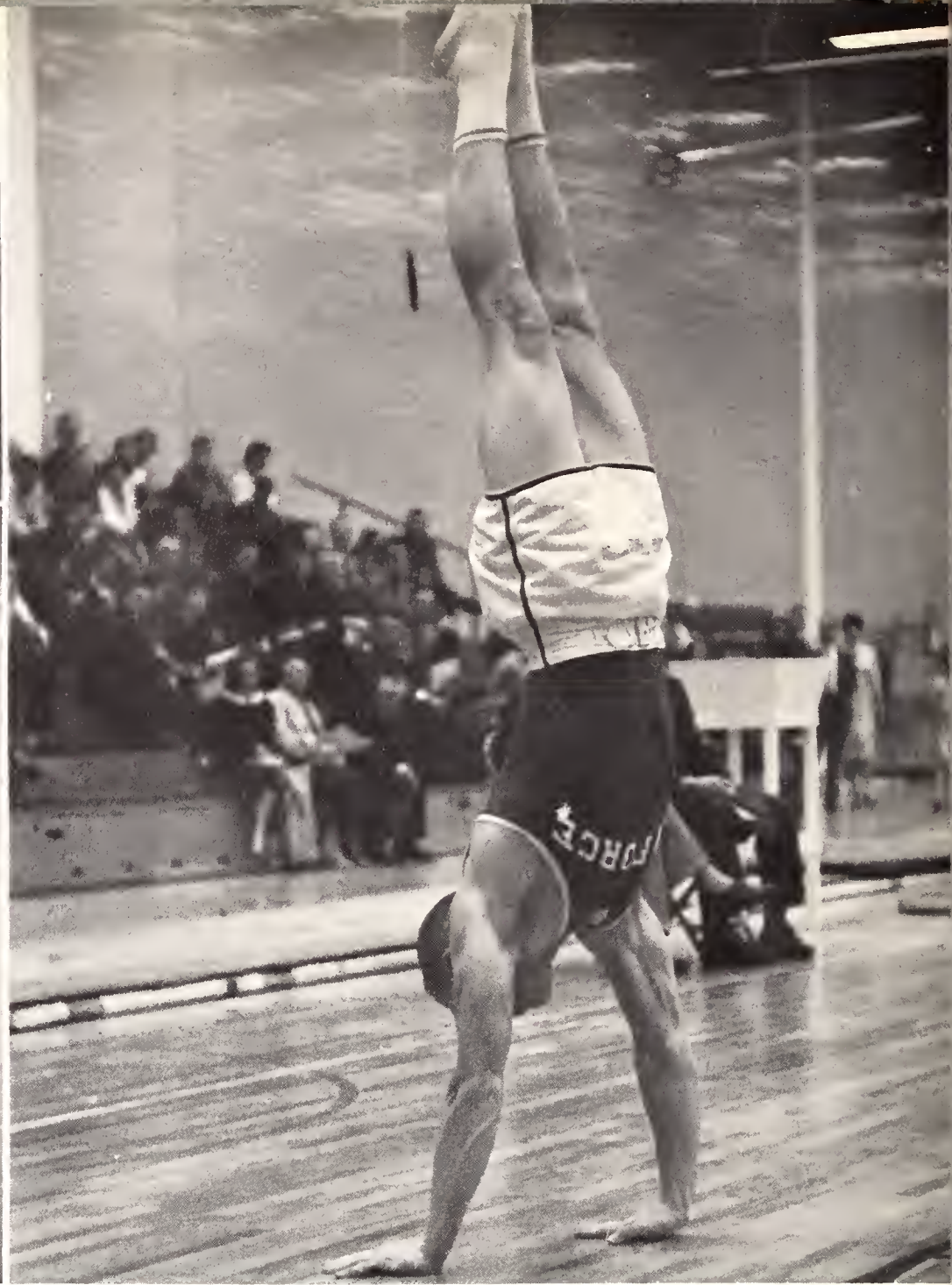


'cause wha needs wings?



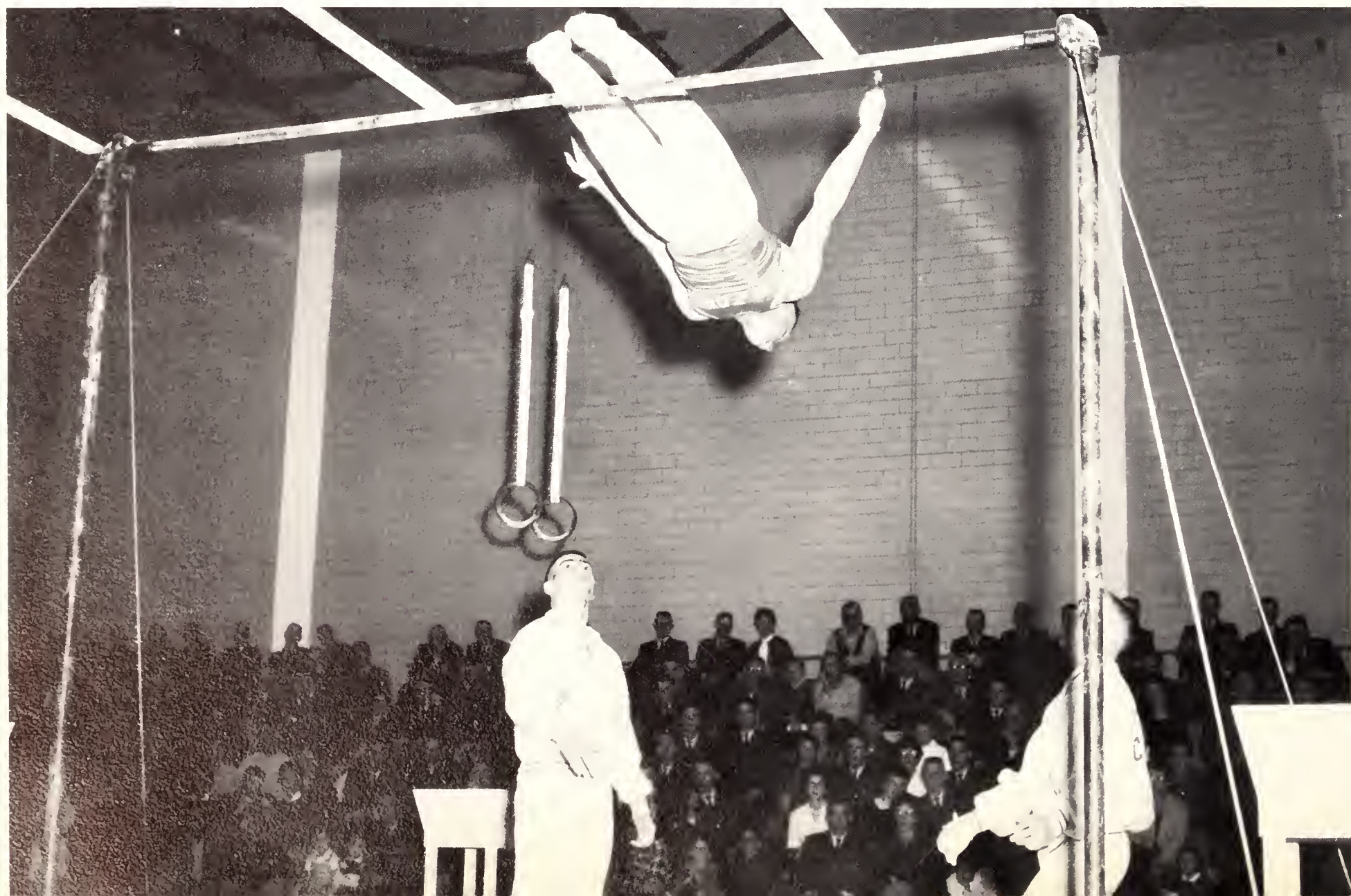


This sport gives one . . .



A very peculiar outlook on life.

About now, one always wonders if those two are REALLY READY.





Everything's upside down . . .



or whirling around.

Some bars they love to see us in.





MR. ARNE U. ARNESEN
Coach

Soccer

AFA	2	Wyoming	1
AFA	5	Colorado	3
AFA	3	Wyoming	1
AFA	6	Colo. Mines	2
AFA	1	Army	4
AFA	3	Royal Roads Acad.	0
AFA	1	Colo. Mines	0
AFA	1	Colorado	2

Won 6, Lost 2

Officer Rep.: Lt. Col. George F. Babits

234

Front Row, Left to Right: Steve Ho, Robert Weight, Jaspar Hardison, Andy Biancur, Dole Thompson (Capt.), Dave Sweigort, Don Singer, Sidney Newcomb, Billy Delany, Robert Schaller, Dave Harlon. **Second Row,** Left to Right: Arne Arnesen (Head Coach), Charles Price, Ron Miller, Dave Roe, John Taylor, Tom McAtee, Bill Griffis, Larry Shewmaker,

Dave Pederson, Lyman Marshall, Robert Kuchlewski, Wing Comdr. Bob Freer (Ass't Coach). **Third Row,** Left to Right: Charles Thomas (Mgr.), Roger Woodbury, Richard Fairlomb, Douglas Cairns, Paul Deon, Ron Staples, Steve Nielson, Al Harwick.





Notice the trim ankles, lovely footwork.



The Cranwell lads knew how to play the ruddy game.

"I say old chap. . . which bloomin' field ore we playing on?"





Ever notice how
soccer players
can always find
something to kick about?





MR. NICHOLAS TOTH
Coach

Fencing

AFA	20	Arizona	7
AFA	16	Wisconsin	11
AFA	10	Illinois	17
AFA	15	Iowa	12
AFA	19	Michigan	8
AFA	10	Notre Dame	17
AFA	12	Denver Fencing Club	15
AFA	22	Kansas	5
AFA	13	Denver Fencing Club	11

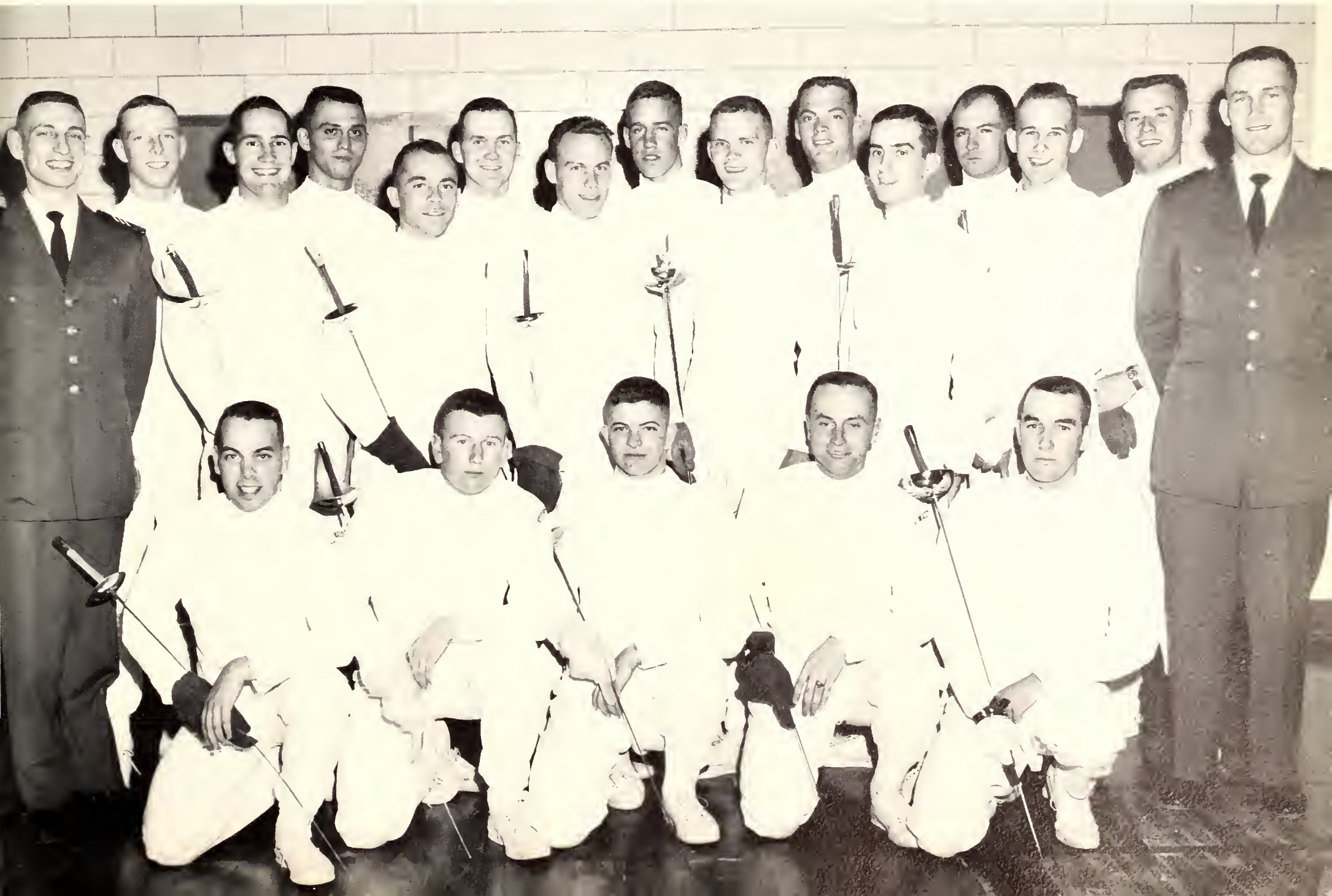
Western Intercollegiate Conference:
 1st Place AFA 84 points
 AFA Foil Team won team title
 AFA Sabre Team won team title
 AFA Epee Team placed second

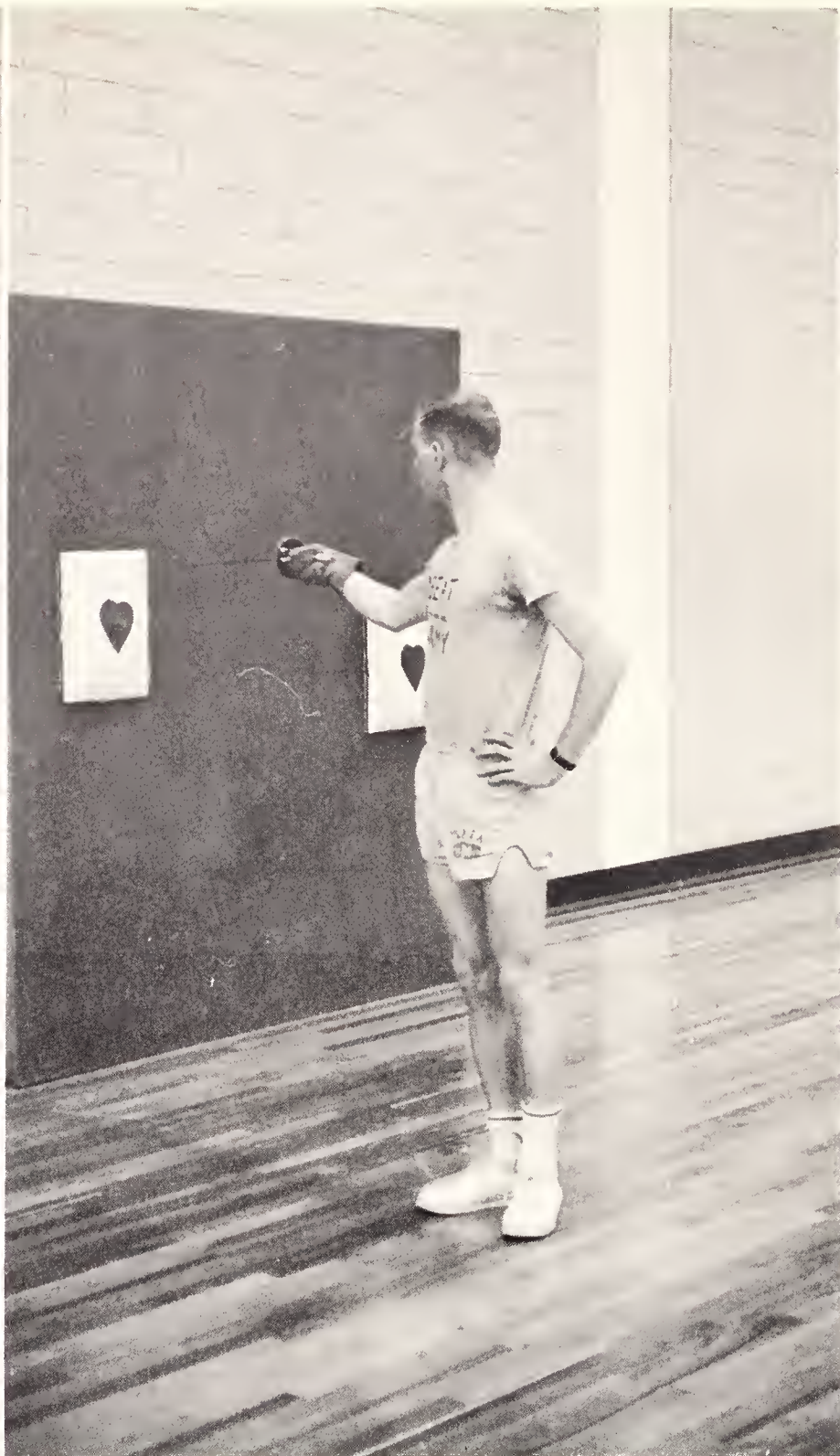
Won 6, Lost 5

Officer Rep.: Lt. Col. J. L. Jackson

Front Row: John Hauschildt, Daniel Donovan, Paul Clanton, Morris Smith, John Ellsworth. **Second Row:** Robert Woelfel (Mgr.), Keith Keppen, Robert Holcomb, Peter Holmes-Ray, John Browning, Phillip Cooke, Gary Forrest, Dean Bristow (Mgr.). **Third**

Row: Addison Thompson, Charles Turner, Robert Davis (Team Capt.), John Wolcott, Murle Wilson, George Hines, David Haines.





The Three Musketeers... who were they?







MR. KARL KITT
Coach

240

Wrestling

AFA	0	Colo. St. Coll.	28
AFA	16	Adams State	14
AFA	11	Denver	15
AFA	25	Ft. Hays (Kans.)	11
AFA	30	Nebraska	10
AFA	6	Kansas State	22
AFA	17	UCLA	9
AFA	9	CSU	15
AFA	8	CU	20
AFA	5	Colo. Mines	26

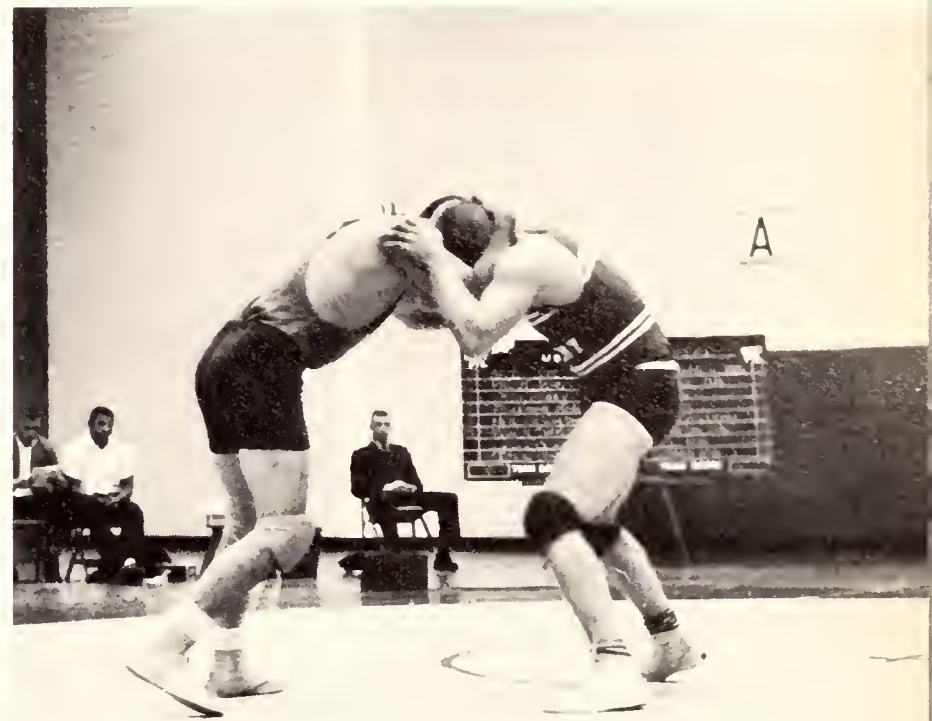
Won 4, Lost 6

Front Row: Mr. Karl Kitt (Coach), Edward Spicer, Jim Fey, Ben Furuta, Donald Heacox, Harold Keck, Charles Franca, Dave Luce (Mgr.). Second Row: Capt. Dick Fritts (Ass't Coach), Joe Zaleski, Tom Sutton, Richard Day, Terry Jarris, Wayne Kendall (Team Capt.), Edward Matekew, Lt. Bob Strickland (Ass't Coach).





These boys really
get all wrapped
up in their work.





CAPT. PAUL CLELAND
Coach

Swimming

AFA	63	Colo. Mines	32
AFA	23	Oklahoma	71
AFA	69	Colo. State Univ.	26
AFA	53	Nat. Univ. of Mex.	42
AFA	48	Utah	47
AFA	63	Colo. St. Coll.	32
AFA	50	Wyoming	44
AFA	53	Denver	42
AFA	75	New Mexico	19
AFA	63	Colo. Univ.	32
AFA	56	Texas Tech.	39

Wyoming Relays at Laramie:

1-Wyoming 60, 2-Colo. St. Coll. 33, 3-Utah 30, 4-AFA 25, 5-Colo. St. Un. 20, 6-Colo. Univ. 18, 7-Utah St. 14, 8-New Mexico 8.

Won 10, Lost 1

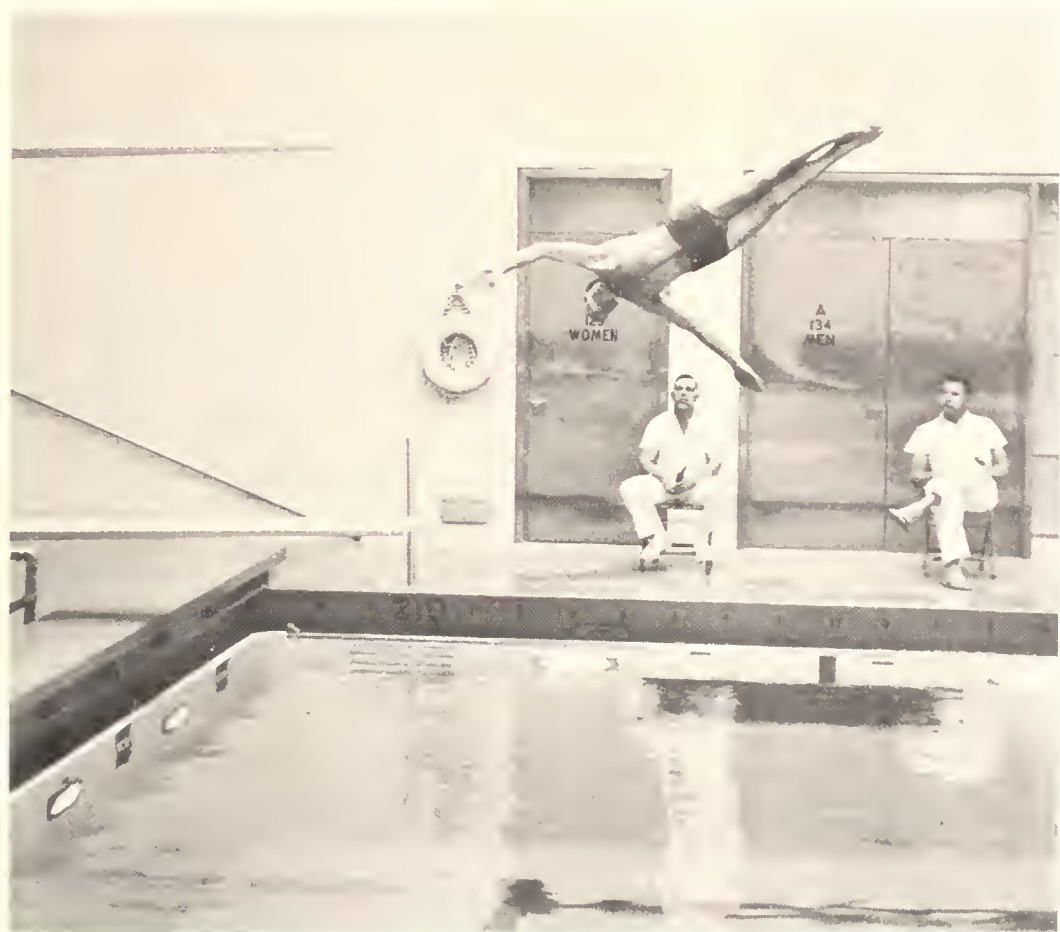
Officer Rep.: Lt. Col. A. R. Miele

242

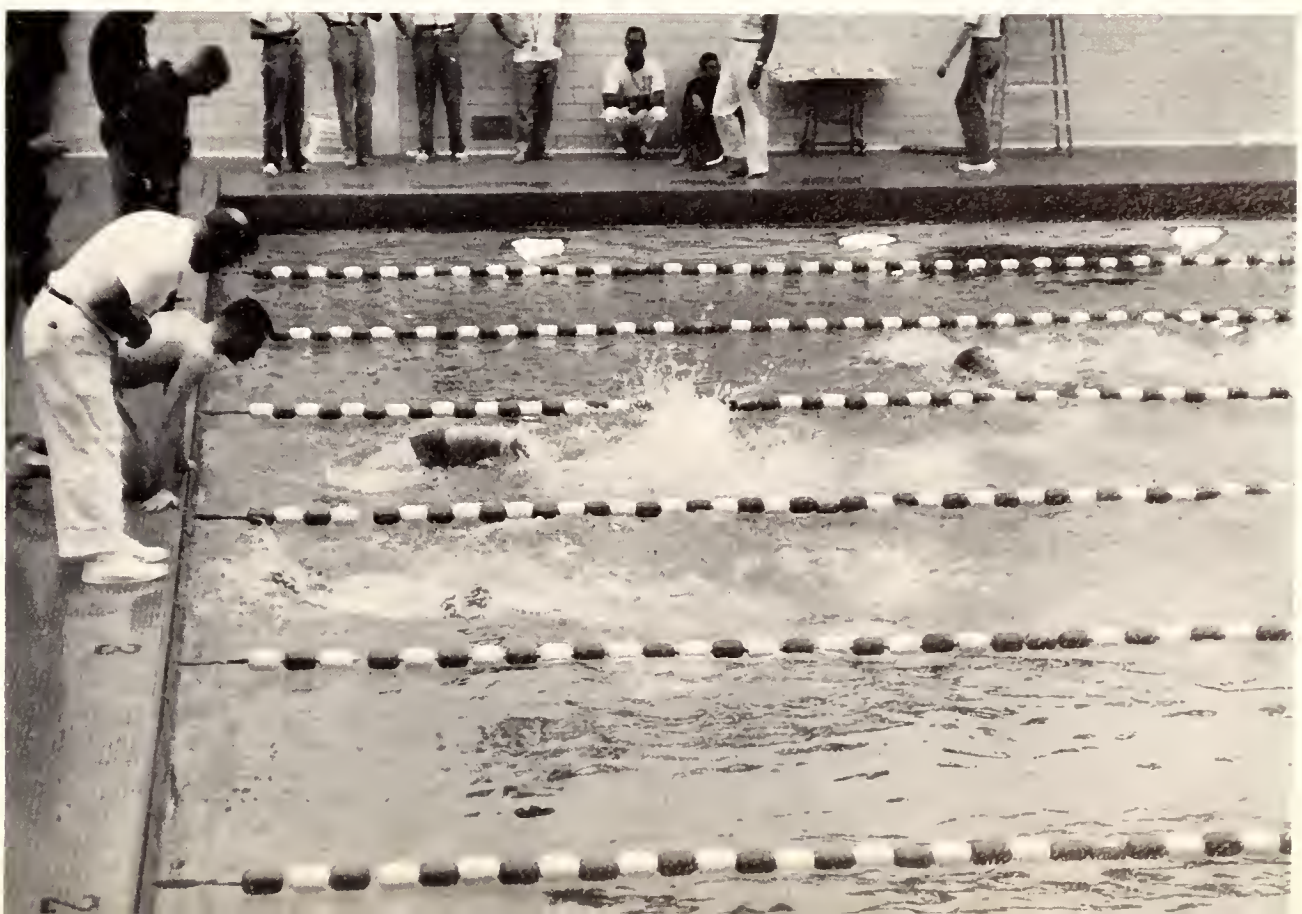
Front Row: Bob Smith (Mgr.), Dave Reed, Derry Adamsan, Team Captain; Jerry Farquhar, Kirk Canterbury, Denny O'Keefe. **Second Row:** Al Blaisdell, Jim Poole, Dick Fair-

lamb, Jim Haurin, Mike Blaisdell. **Third Row:** Capt. Paul Cleland, Coach; Bob Parker, Phil Hepburn, Tam Hutchisan, Jim Whitted, Capt. Bill Agre, Ass't Coach.





This is a very
rare specie—
Swimming Falcons.





CAPT. CHARLES OLIVER
Coach

Tennis

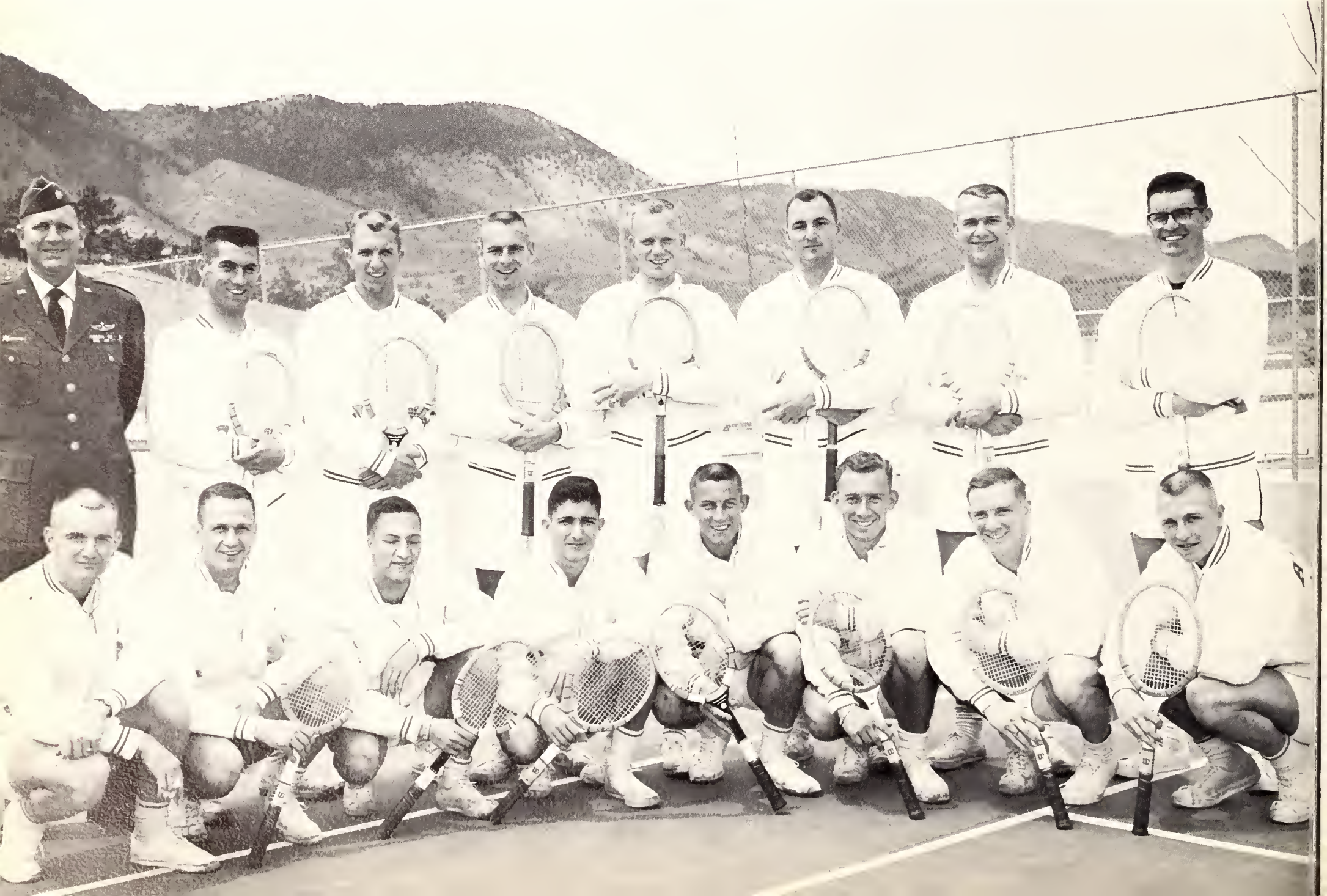
AFA	5	Colo. St.	4
AFA	1	Denver	8
AFA	6	Colo. College	3
AFA	0	Brigham Young	9
AFA	1	Utah	8
AFA	9	Colo. Mines	0
AFA	0	Wyoming	9
AFA	0	Wyoming	9
AFA	5	Regis	1
AFA	2	Denver	7
AFA	5	Colo. College	4
AFA	8	Western St.	1
AFA	4	Colo. Univ.	5
AFA	5	Regis	1
AFA	1	New Mexico	8

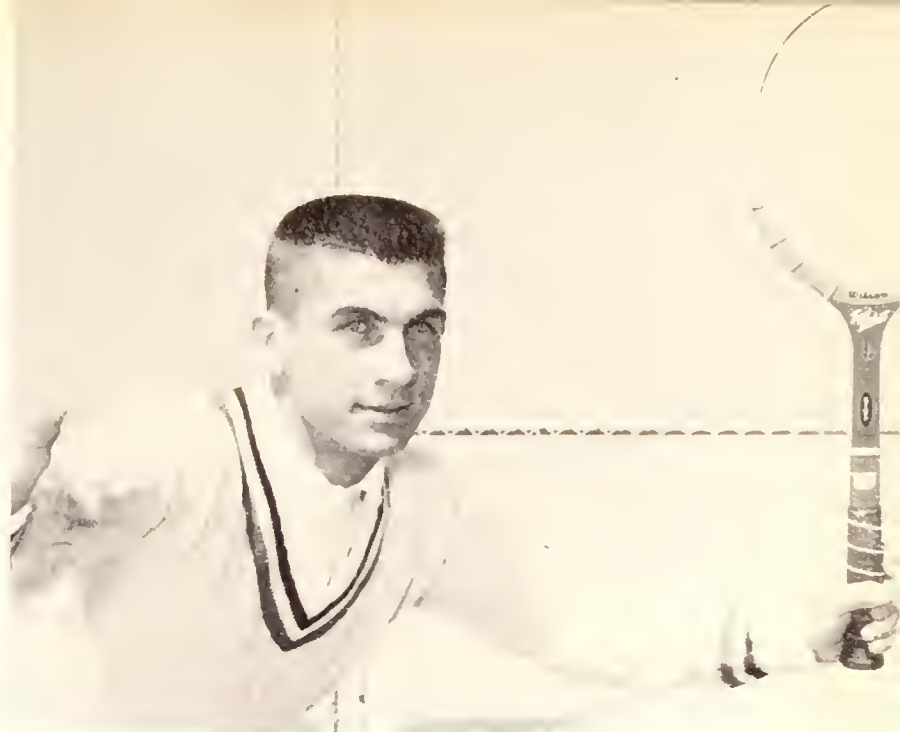
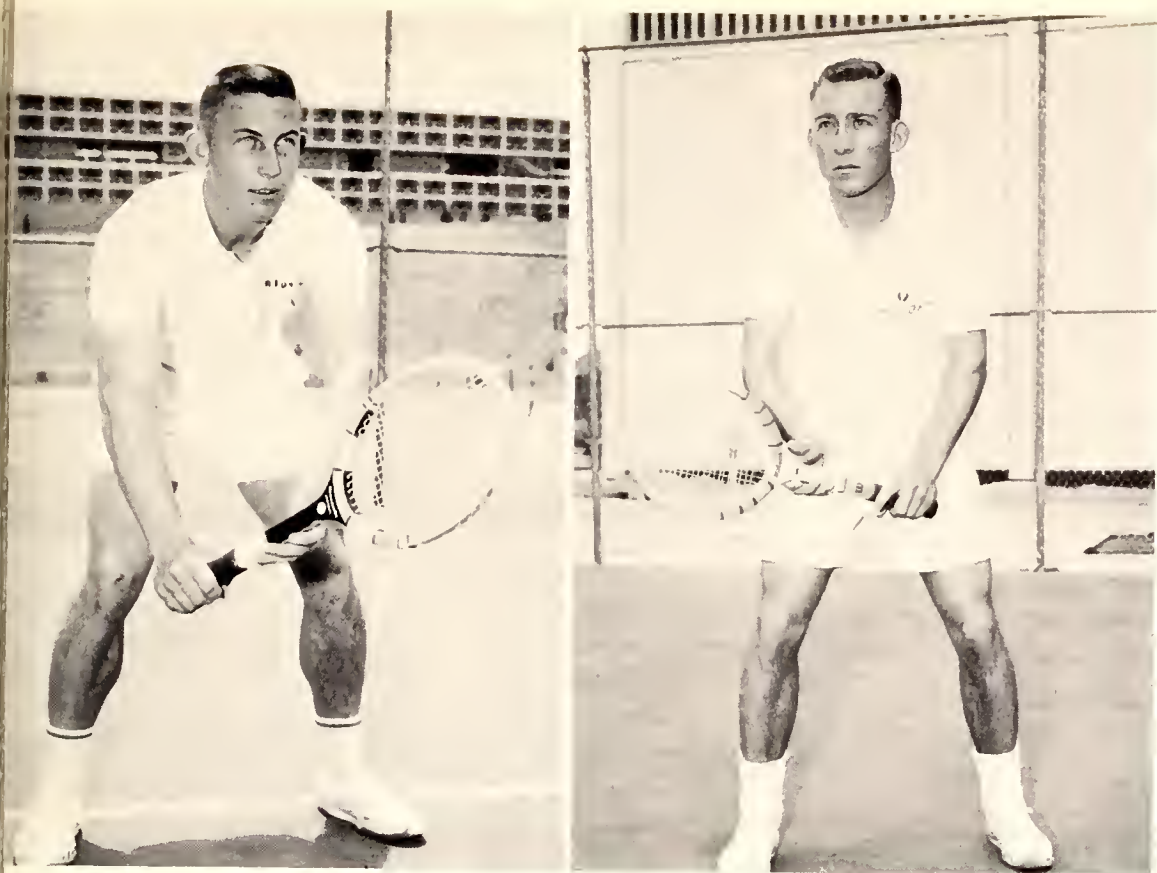
Won 7, Lost 8

Officer Rep.: Maj. Charles Seegar

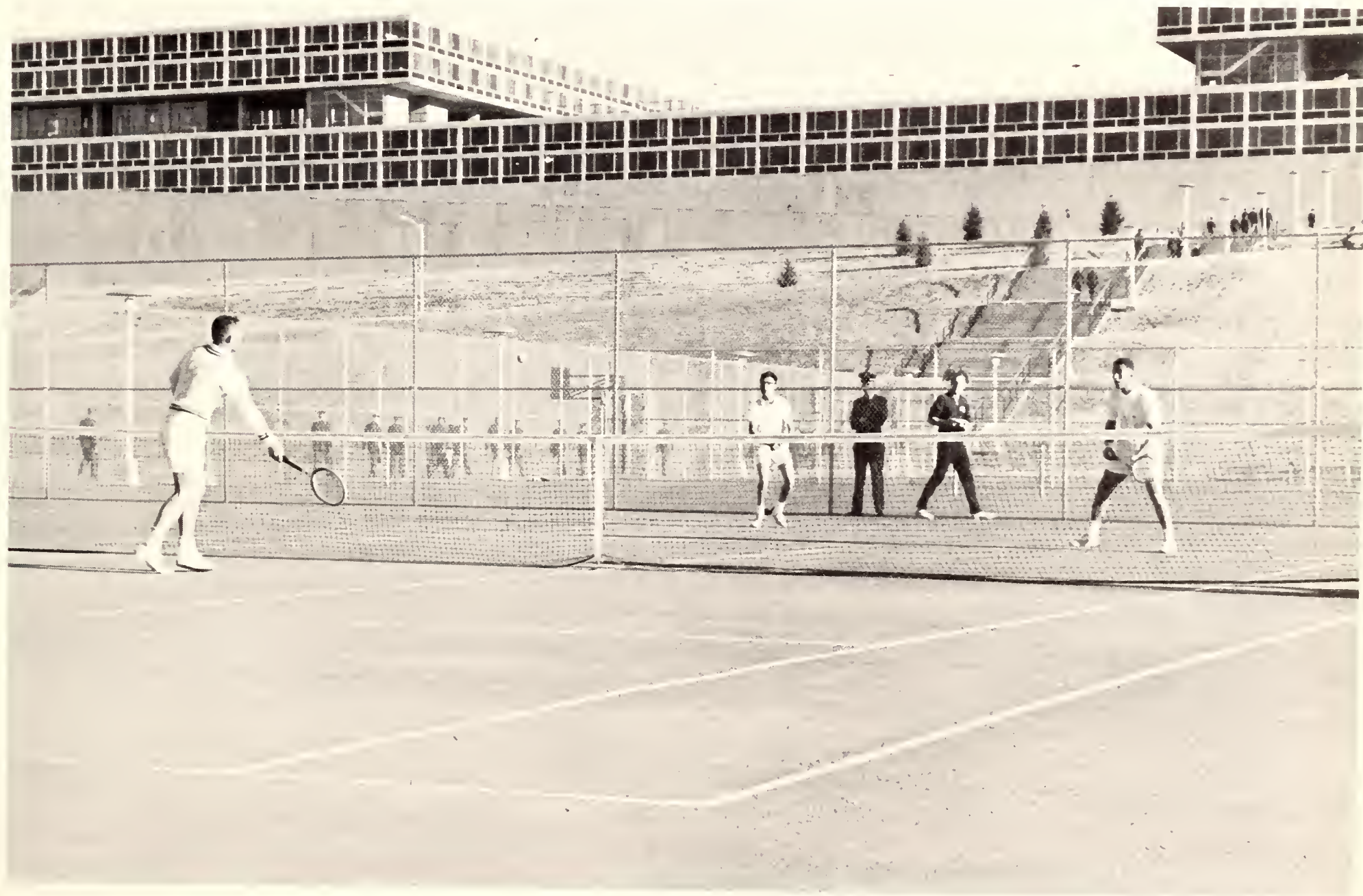
Front Row: Norm Campbell, Mgr.; Warren Haslouer, Charlie Hale, Bob Scauzillo, Carl Renoud, Larry Shewmaker, Kenneth Fisher, Dick Ramsey. Second Row: Maj. Charles

Seegar, Officer Rep.; Jerry Stack, Captain; Bab Rager, Charles Upton, Steve Bishop, Paul Dean, John Stackhouse, Capt. Charles Oliver, Coach.

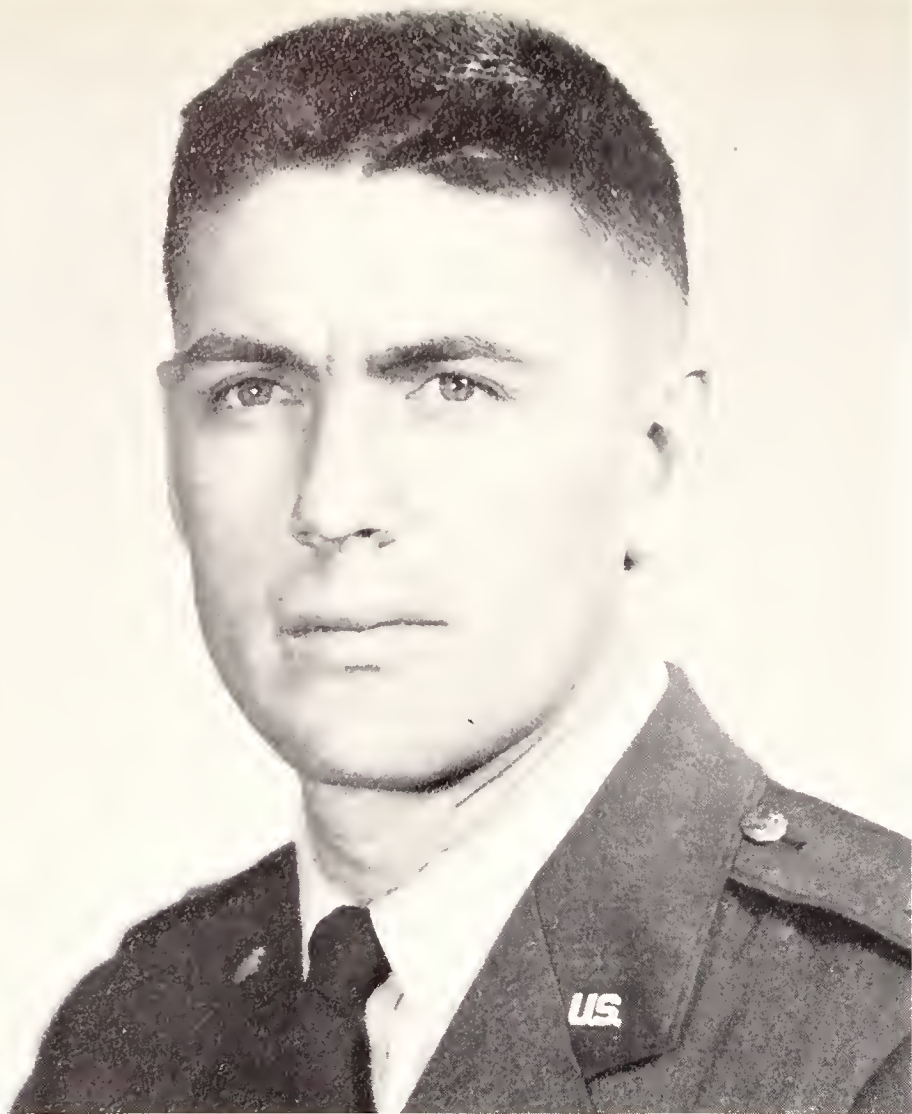




They soon learned
to compensate for
the prevailing wind.



Golf



CAPT. ROX SHAIN
Coach

AFA	10½	Denver	29½
AFA	11	Colo. College	1
AFA	5½	Arizona	21½
AFA	2½	Arizona	24½
AFA	12½	Wyoming	8½
AFA	16	Colo. College	2
AFA	10½	Denver	12½
AFA	4½	New Mexico	10½
AFA	3½	Colo. Univ.	23½
AFA	14½	Regis	12½
AFA	13	Colo. St. Univ.	14
AFA	9½	Wyoming	8½

Colorado College Invitational:

1-Houston 880, 2-Okla. St. 890, 3-New Mex. 924, 4-Okla. 956, 5-Utah 957, 6-Colo. Univ. 959, 7-Colo. St. Univ. 970, 8-East. N. Mex. 976, 9-Denver 982, 10-AFA 985, 11-Wyoming 1009, 12-Colo. Coll. 1031.

Won 5, Lost 7

Officer Rep.: Capt. Tom Armour

Front Row: Lew Svitenko, Mark Anderson, Jerry Lefton, Larry Karnowski (Captain elect), Jim Mills, Jim Haurin. **Second Row:** Capt. Rox Shain (Coach), Jack Swanson, Pete King (Mgr.), Chris Brown, Chuck Croll, Tom Hutchinson (Mgr.), Capt. Tom Armour (Off. Rep.).

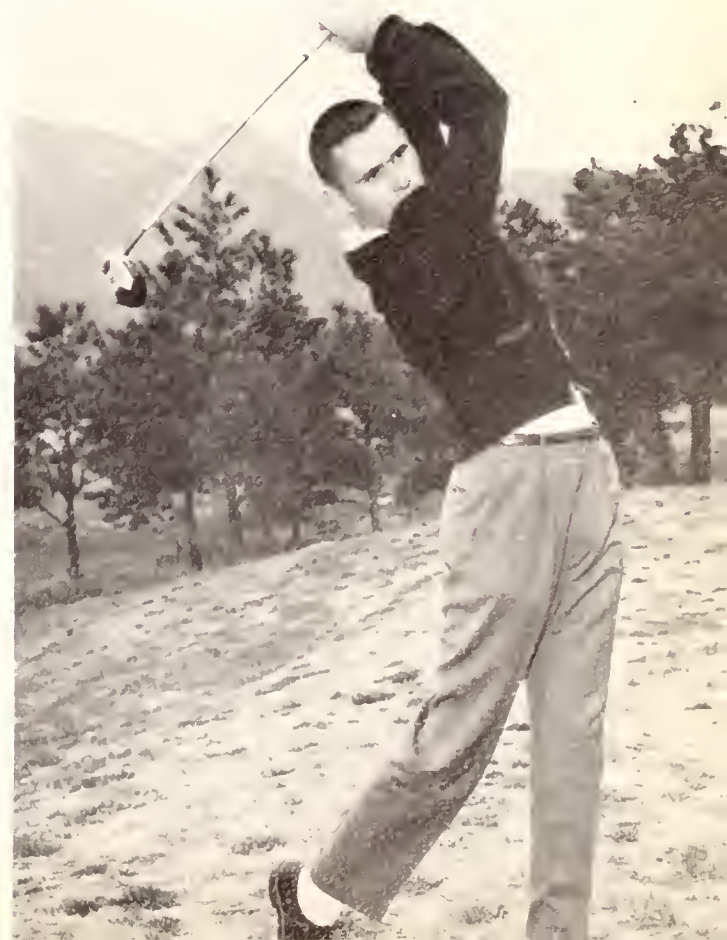




They follow in the
footsteps of an
illustrious military man.



Who knows what such training could lead to?





CAPT. ED MATTHEWS
Coach

Cross Country

AFA	28	Okla. St.	31
AFA	28	Ft. Sill	75
AFA	29	Colo. Univ.	26
AFA	21	Nebr. St. Teachers	35
AFA	30	So. Calif.	25
AFA	23	Stanford	36
AFA	22	UCLA	34
AFA	15	Royal Roads Acad.	43
AFA	23	New Mexico	32

NCAA Meet:
1-Mich. St. 44, 2-Houston 120, 3-Iowa 134, 4-Notre Dame 141, 5-Iowa St. 153, 6-Army 160, 7-Indiana 185, 8-AFA 188, 9-Penna. 213, 10-Syracuse 226, 11-Alfred Univ. 241, 12-Miami Univ. 335.

Won 7, Lost 2

Officer Rep.: Lt. Col. W. L. Baxter

Front Row: Joe Mondel, John Fer, Tony Bilello (Team Capt.), Dove Carlstrom, Austin Wedemeyer. Second Row: Ken Fleming, Sidney Abbott, Bill Foster, Dick Parker. Third

Row: Capt. Ed Matthews (Coach), Capt. Jack Steeger (Ass't Cooch), Dick Perlotto, Will Holbrow, John Starkey (Mgr.), Lt. Col. Baxter (Off. Rep.).





The Academy's best equipped
team — they had training space galore.





CAPT. PAUL INGRAM
Coach

Skiing

University of Wyoming Invitational:
1-Denver 376.3, 2-Colorado Univ. 364.7, 3-Wyoming
338.7, 4-Utah 327.4, 5-Western St. 317.2, 6-AFA 205.6.

Officer Rep.: Col. Evan F. Bourne

250

Left to Right: Capt. Paul Ingram (Coach), Richard Shepord, Joseph Dryden, George Larson, Stuart Boyd, Michael Schieber, Peter Burton, Bruce Hinds, Eric Vettergren, Richard Milnes, Frederic Howkins, Sidney Abbott, Col. E. F. Bourne (Off. Rep.).





Environmentally speaking,
they were ideally
situated.





M/SGT GEORGE BOLEY
Coach

Rifle

AFA	1427	Colo. Mines	1353
AFA	1427	Nebraska	1401
AFA	1427	VPI	1406
AFA	1426	Wisconsin	1386
AFA	1429	Ohio State	1403
AFA	1429	Okla. State	1349
AFA	1427	Colo. U. AFROTC	1334
AFA	1429	CSU	1399

California Invitational:
1-Calif. 1424, 2-AFA 1422, 3-San Francisco Univ. 1409,
4-San Jose St. 1406, 5-UCLA 1393, 6-Calif. (Davis
Branch) 1376, 7-Calif. NROTC 1311.

Won 8, Lost 0

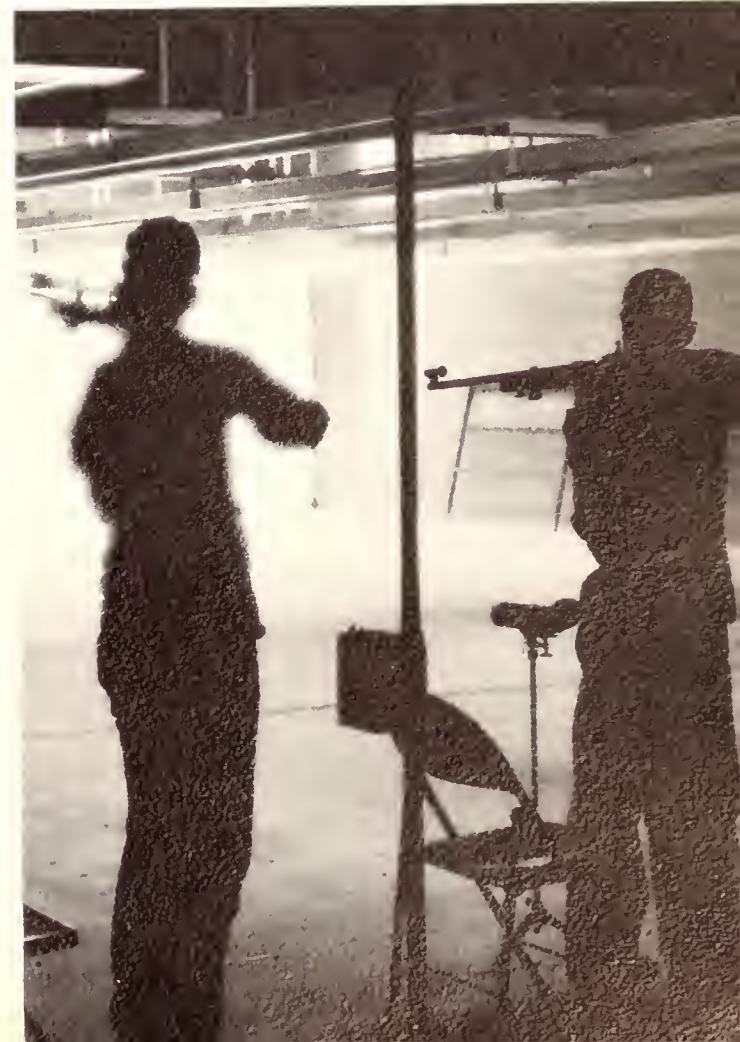
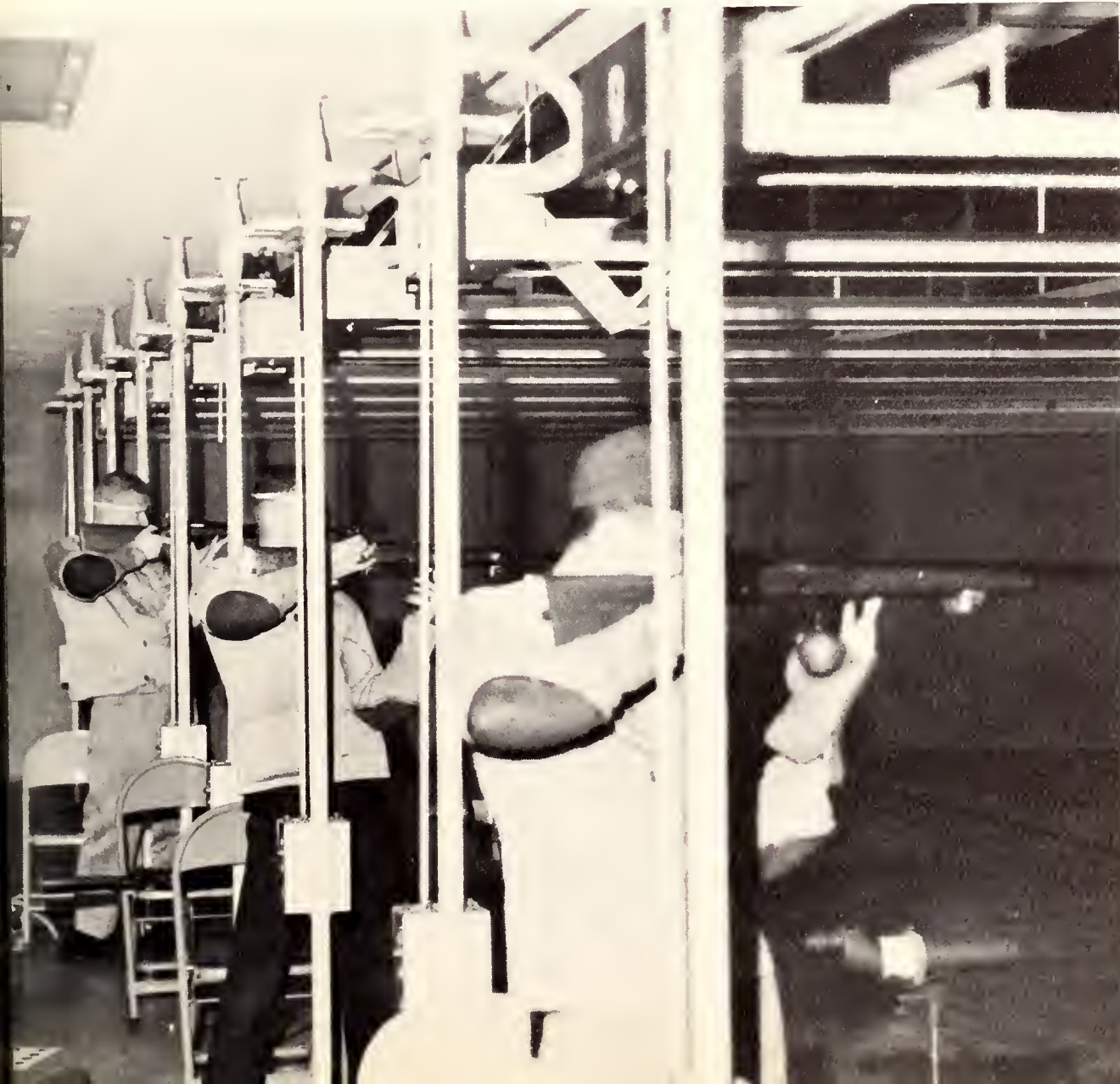
Front Row: Wilfred Goodson (Team Capt.), Richard Duvall, Conrad Biegalski, Beau Gabel, Richard Johnson, Geoffrey Engels, Richard Kingman. **Second Row:** John Smith (Mgr.), Howard Badenhamer, Larry Freeman, David Bockelman, Clifford Fallon, Carlos

Cochrane, Robert Scouzillo, Douglas McConnell, George Luck, Thomas Eller, Denis Walsh, Richard Mickel, Jules Viquesney, Robert Bartley, Alex Zimmerman, M/Sgt Boley.





The local fauna
have learned not to
trifle with these
sharpshooters.



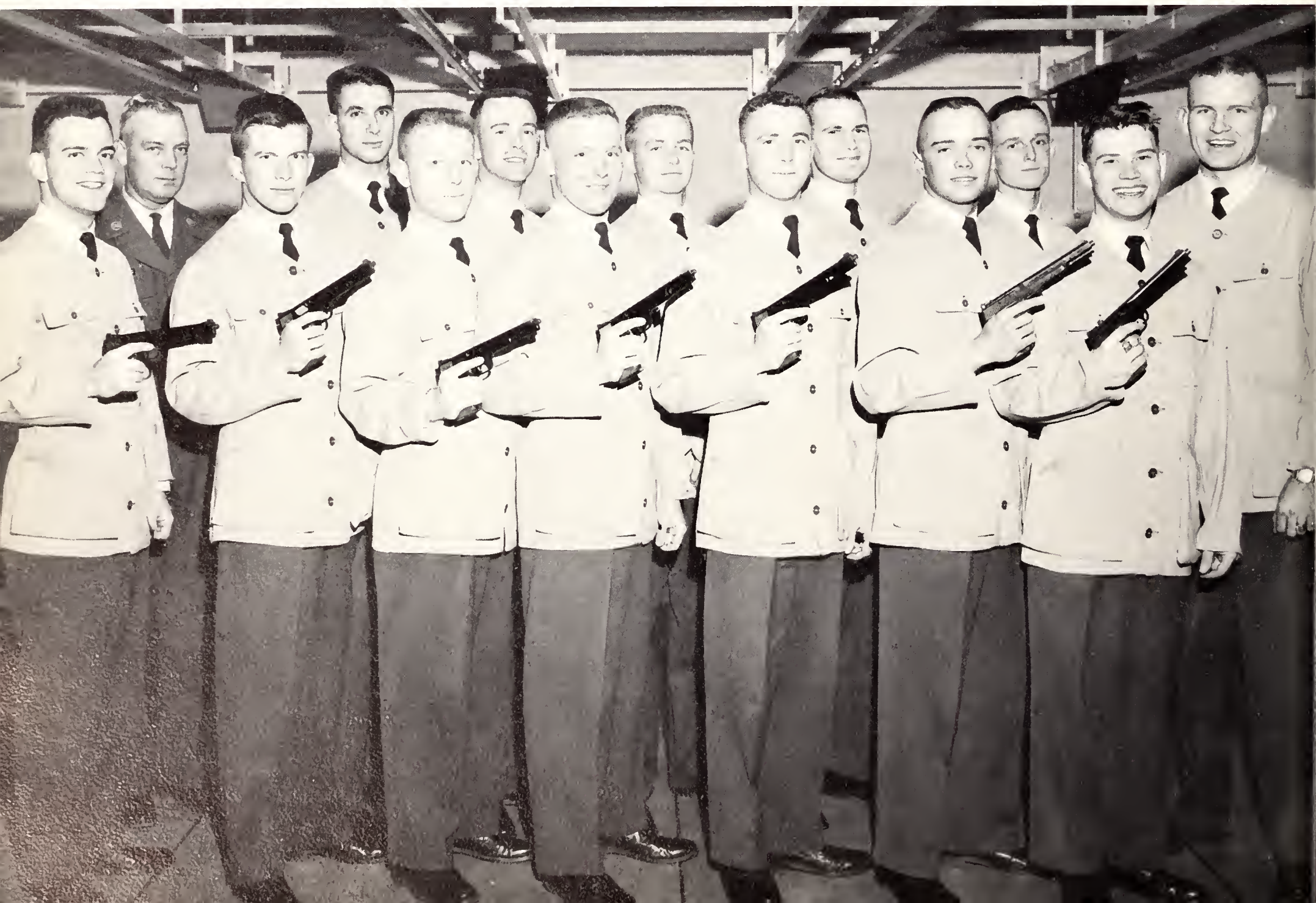
Pistol

AFA	1309	Ent AFB	1355
AFA	1332	Wisconsin	1326
AFA	1340	Lackland AFB	1426
AFA	1331	Ent AFB	1367
AFA	1332	ARADCO	1404
AFA	1332	Ft. Carson	1330
AFA	1332	Colo. Mines	1209
AFA	1333	Army	1382
AFA	1334	Texas A&M	1381

Won 3, Lost 6

M/SGT. A. S. YOUNG
Coach

Standing: Pacina, Gene; Young, Andrew, M/Sgt; Foley, Poul; Hales, William; Flygare, Gordon; Peel, James; Guilmartin, John; Goodenough, Russell; Pemberton, Daniel; Rhodes, Harold; Trotagott, Peter; Merkel, Philip; Howe, Henry; Werrell, Kenneth.



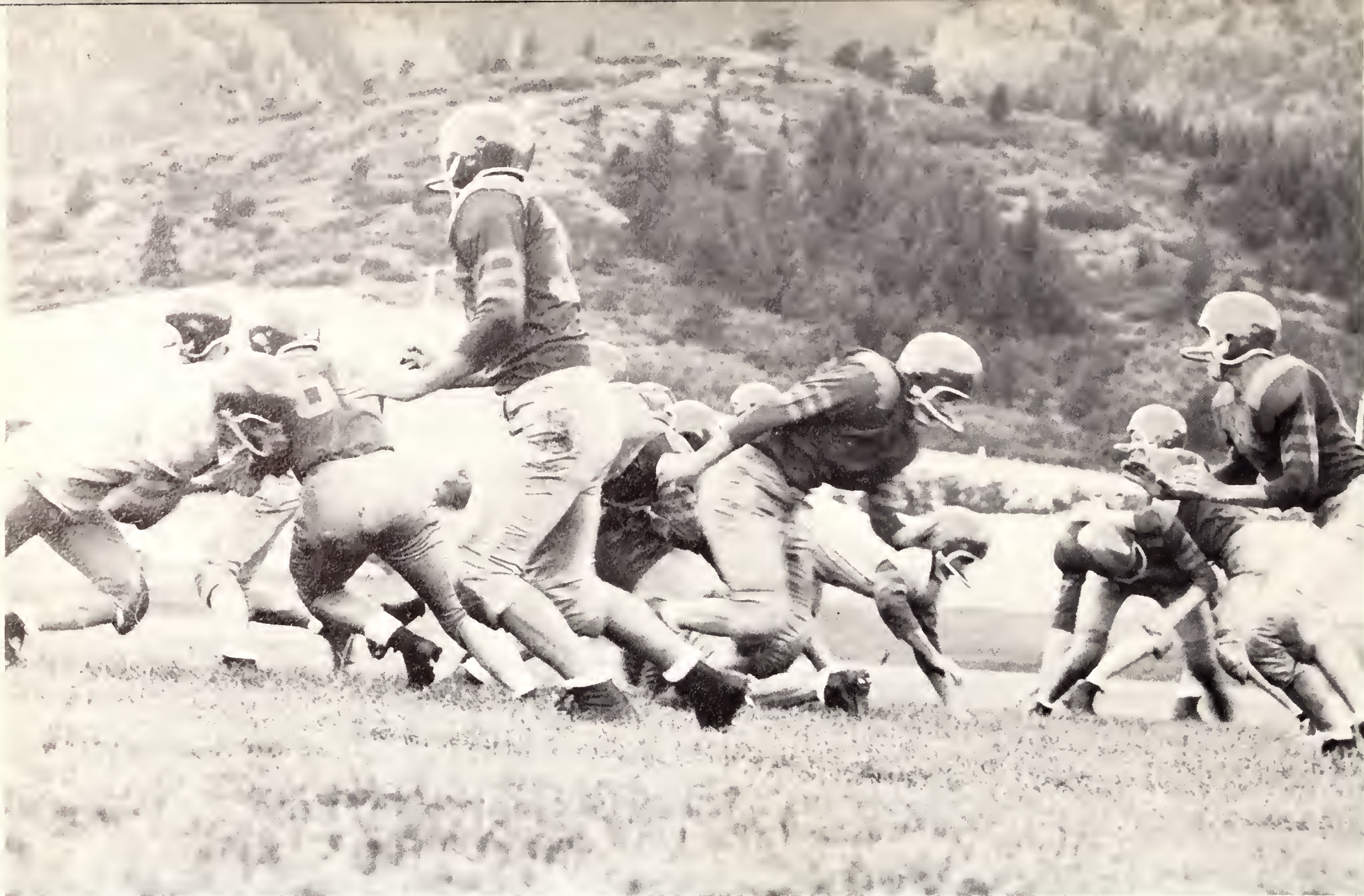


Looking back we can feel a great sense of accomplishment from the deeds recorded on the preceding pages. The teams we fielded in every sport did much to focus national attention on the Academy and also to establish a reputation for fairness and clean-playing, which we are sure future cadets will cherish as long as USAFA teams participate in intercollegiate sports.





Intramural Sports



We definitely had a ball when we started this little scramble.

258

If he survives—he's made a first down.

Intramural Sports

We had no large crowds to fill the stands and cheer us on. In fact, we didn't even have the stands. Nevertheless, we fought to win in a league that was tough. One season on the Falcon Eleven would be followed closely by a season in an intramural rugby uniform. Each of us got to know the taste of blood and sweat mixed liberally with victory and defeat. MacArthur long ago explained the purpose: "On the fields of friendly strife are sown the seeds that on other days and other fields will bear the fruits of victory."

As the sun sank in the West—so did most of us.

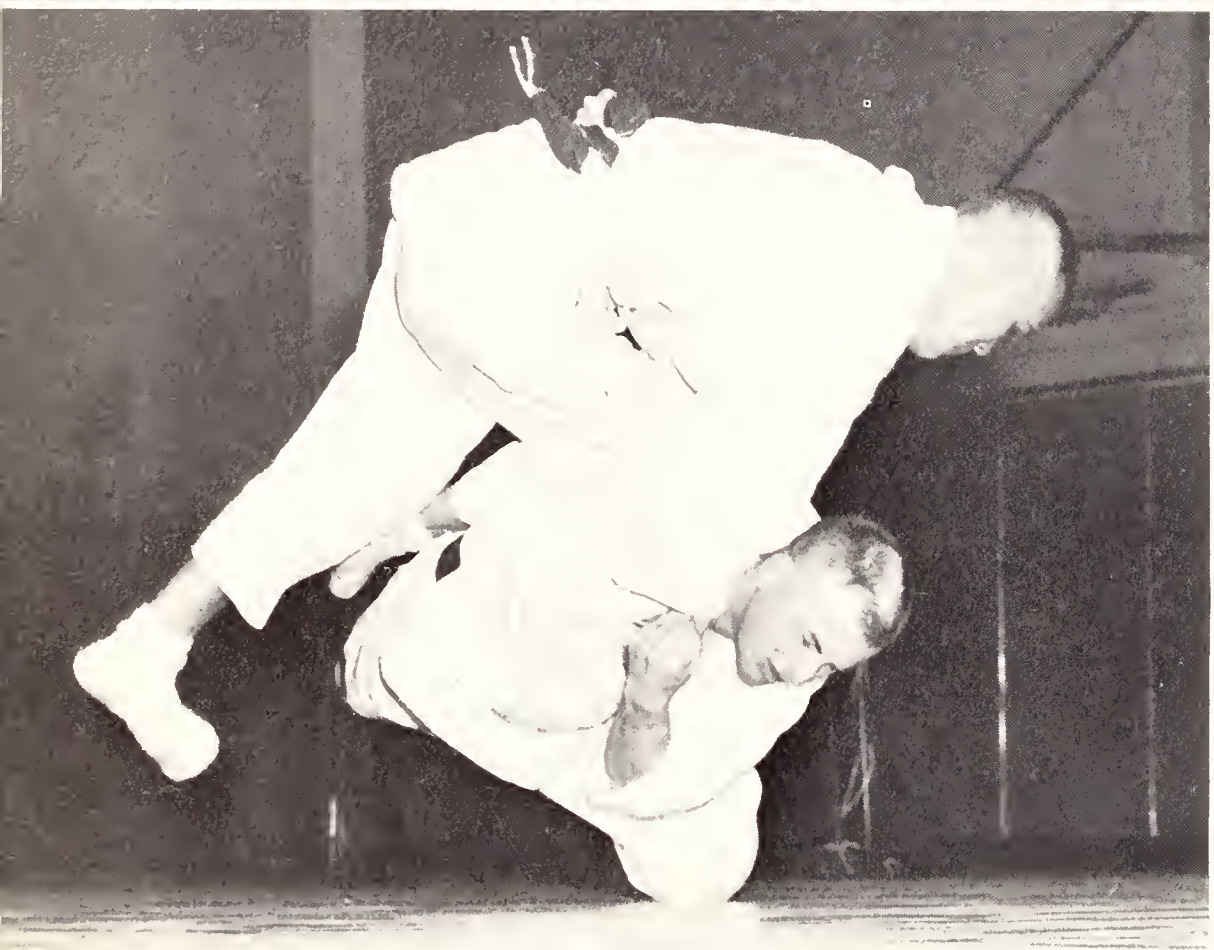




The Pro's could learn much from us. . .

Poise, Precision—and most of all—the ability to recuperate fast.





With style and eclat. . .



It's not how you play. . .



We soon learned that . . .



This silly game depends



On how you hit the bloody mat.



The elbow and knee circuit kept many of us occupied.





Our brand of basketball may not be polished—but it is energetic.





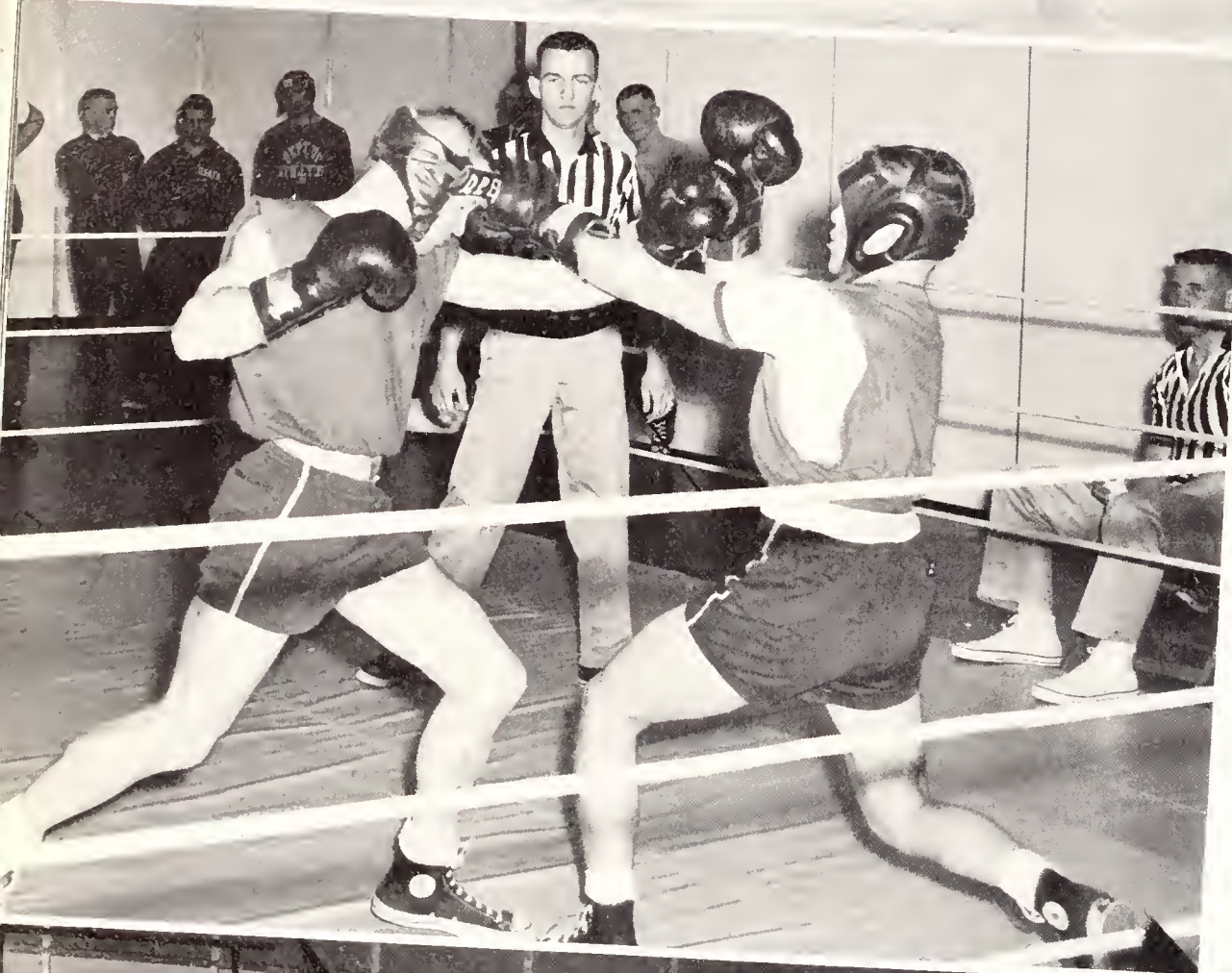
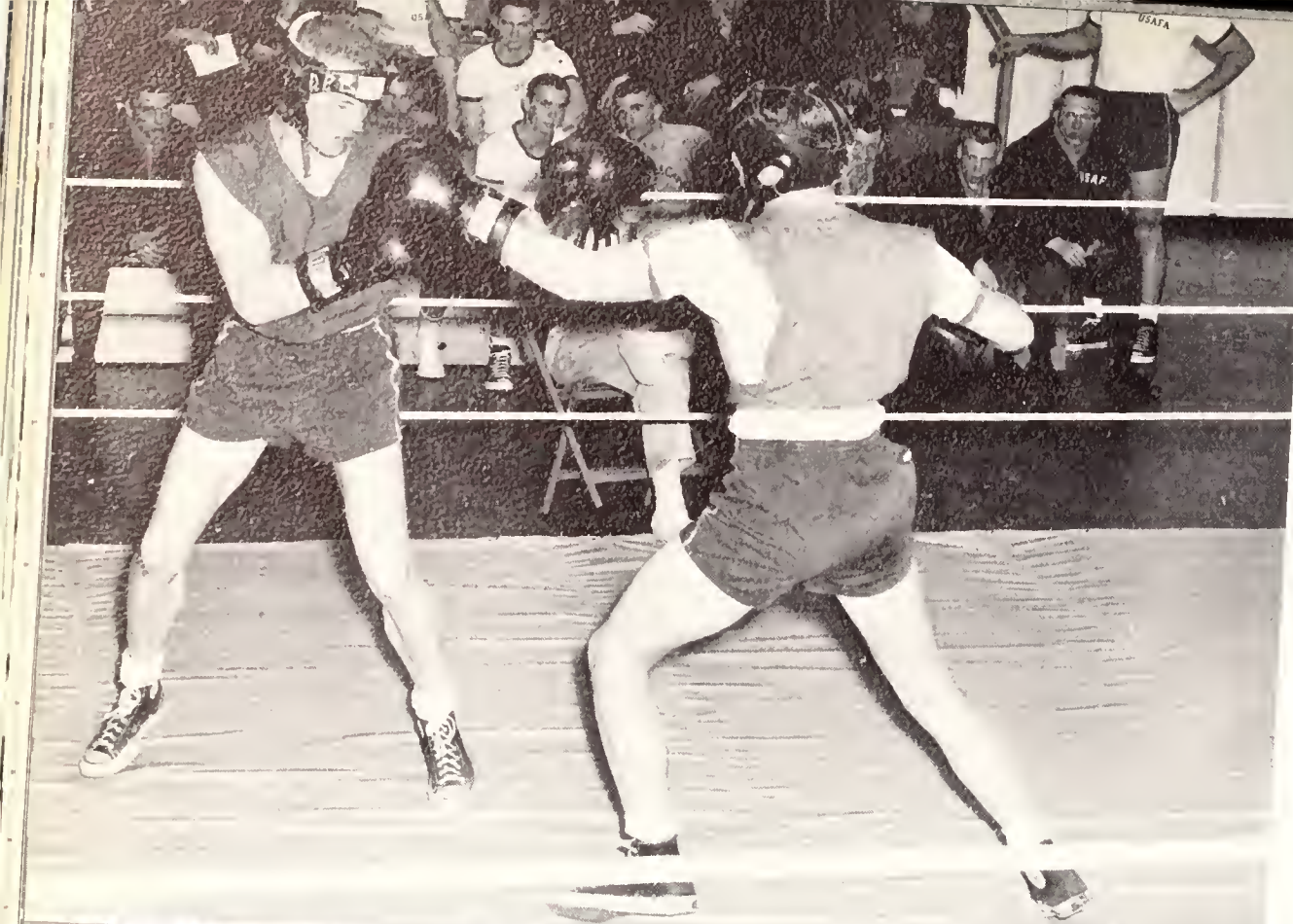
Horses are smart—they won't play polo in the water.



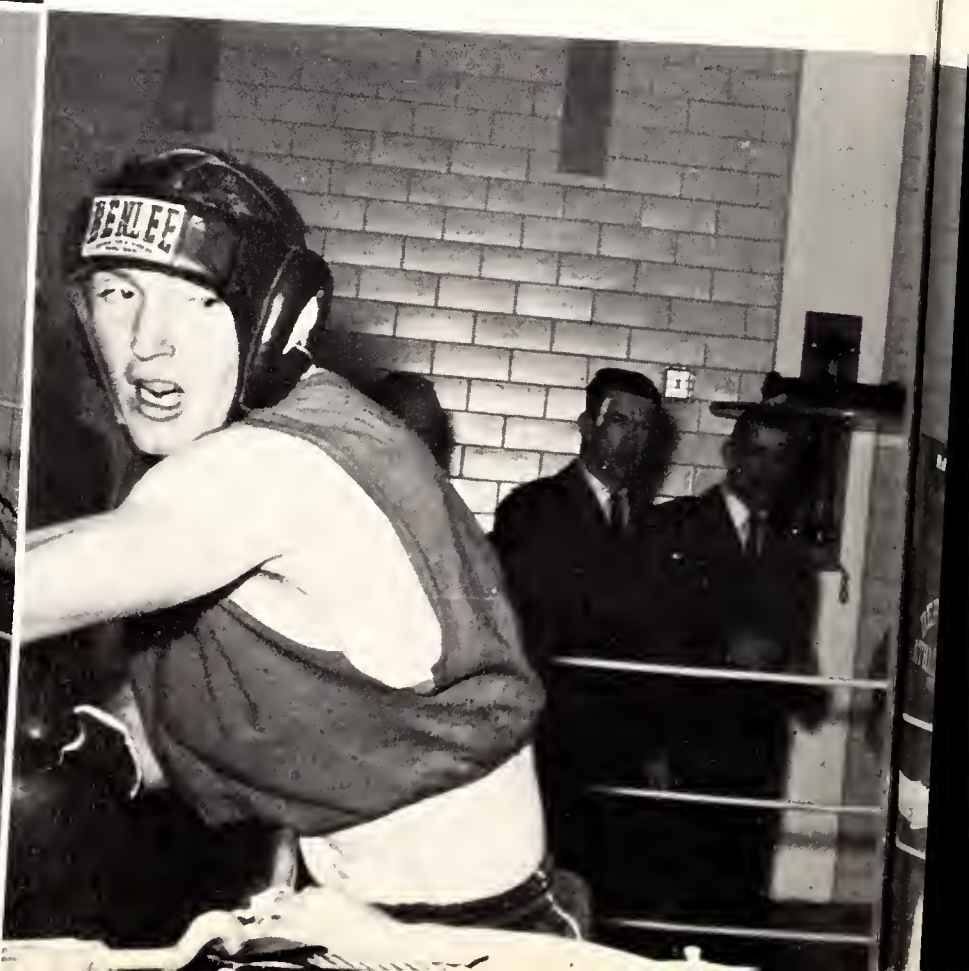


Ever throw a golf ball with a bushel basket?—That's lacross.





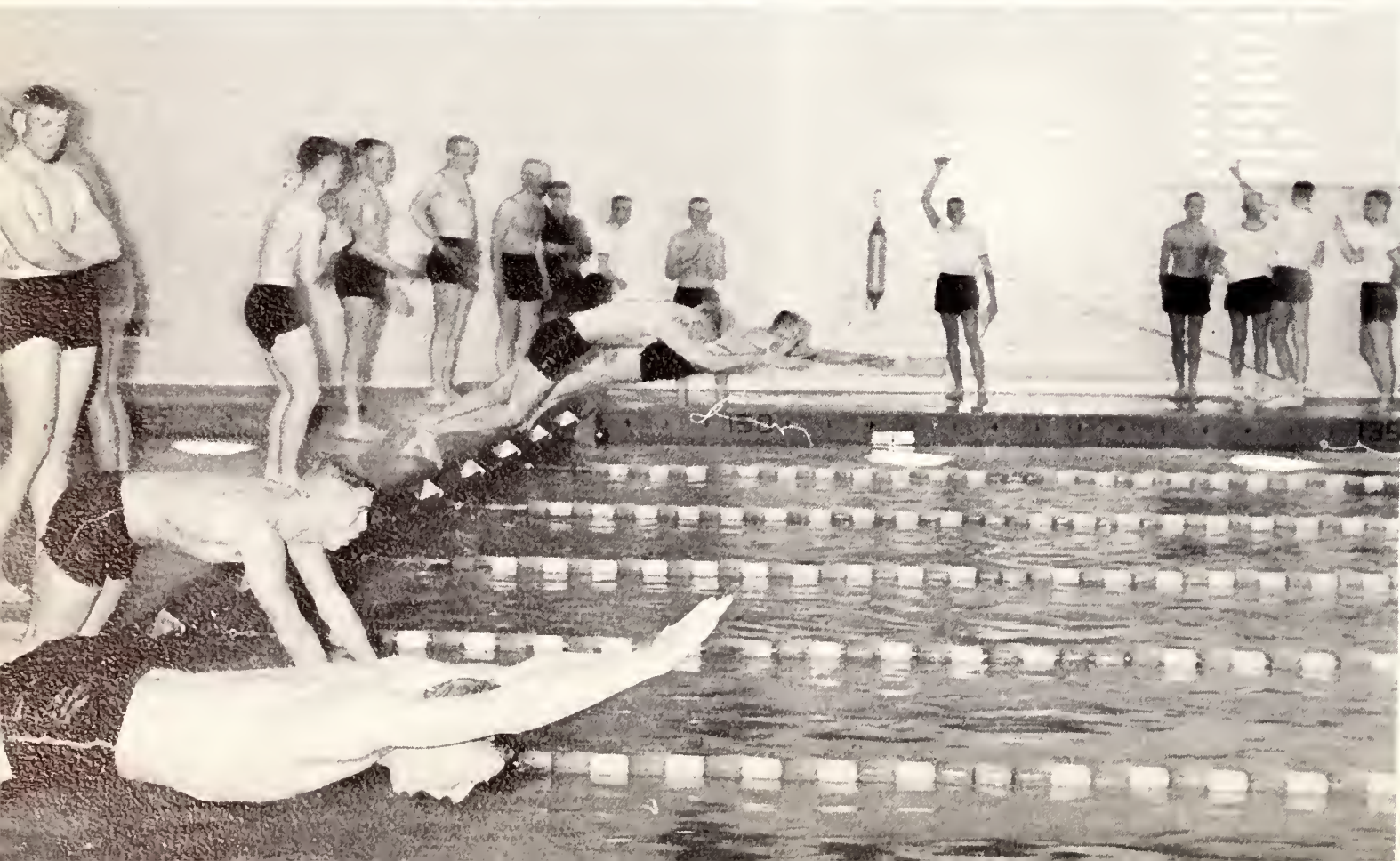
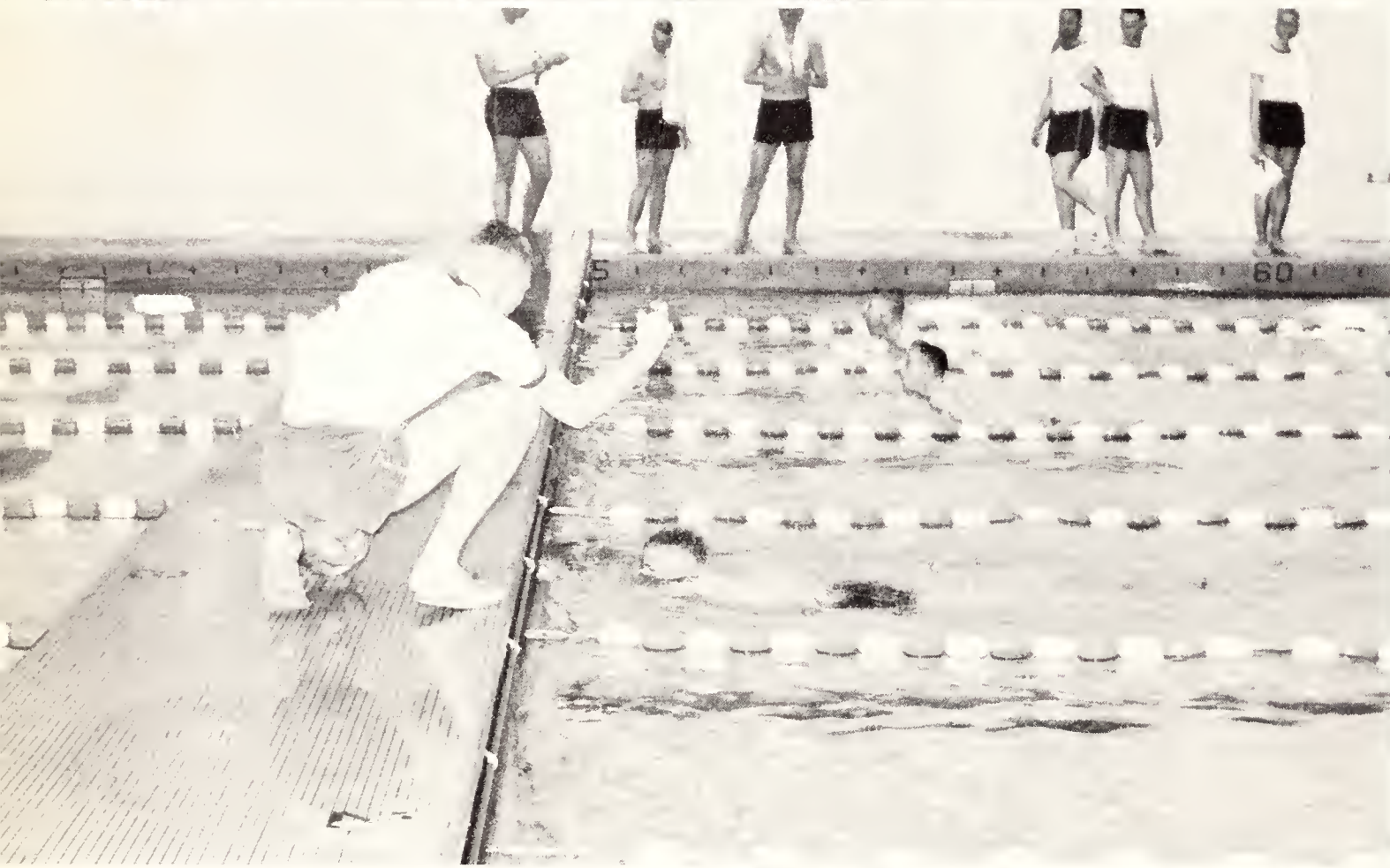
The Manly Art:





This was one reason we called it intermurder.



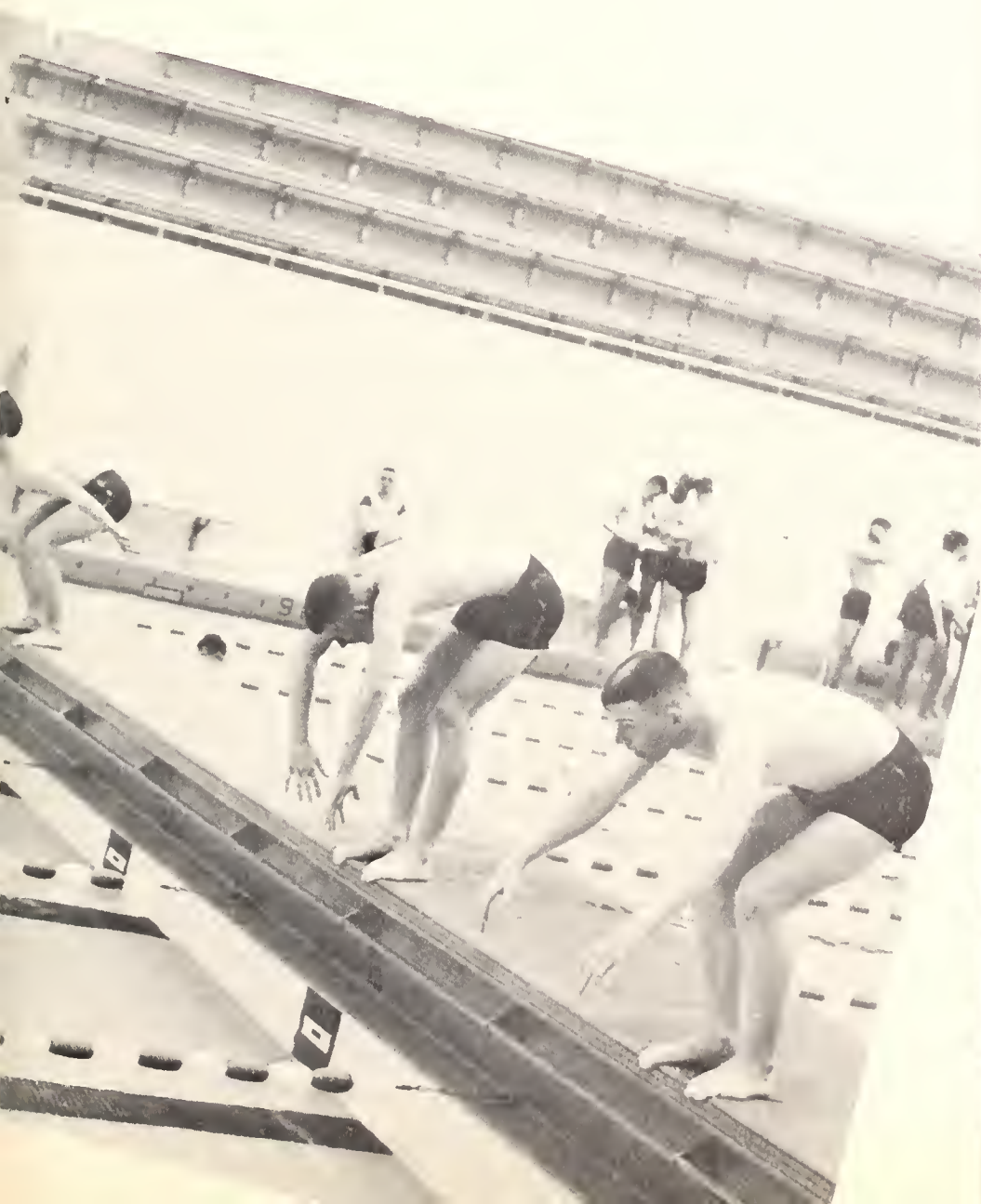


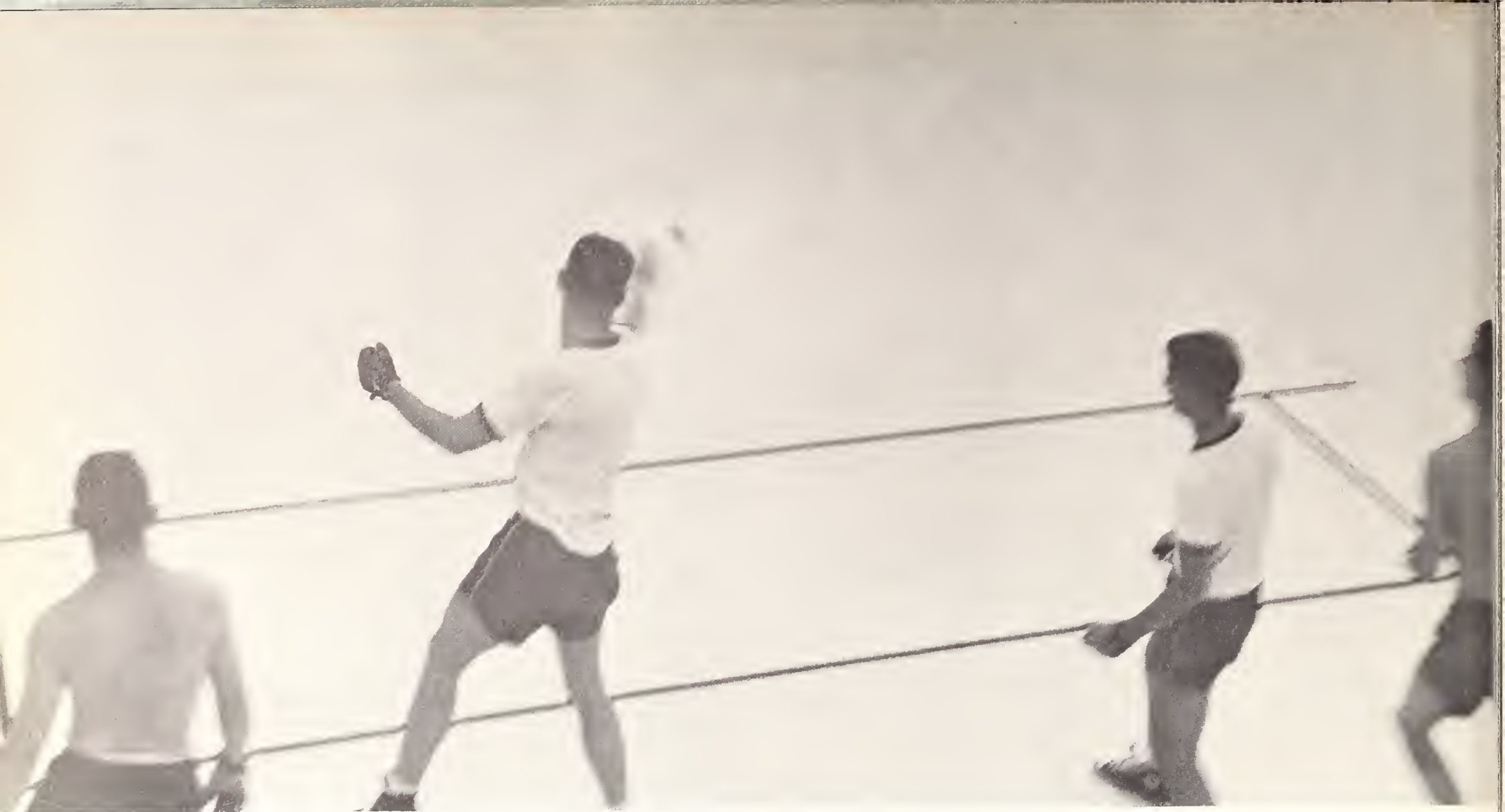
Sometimes We





Resembled Frustrated Sailors





Handball --



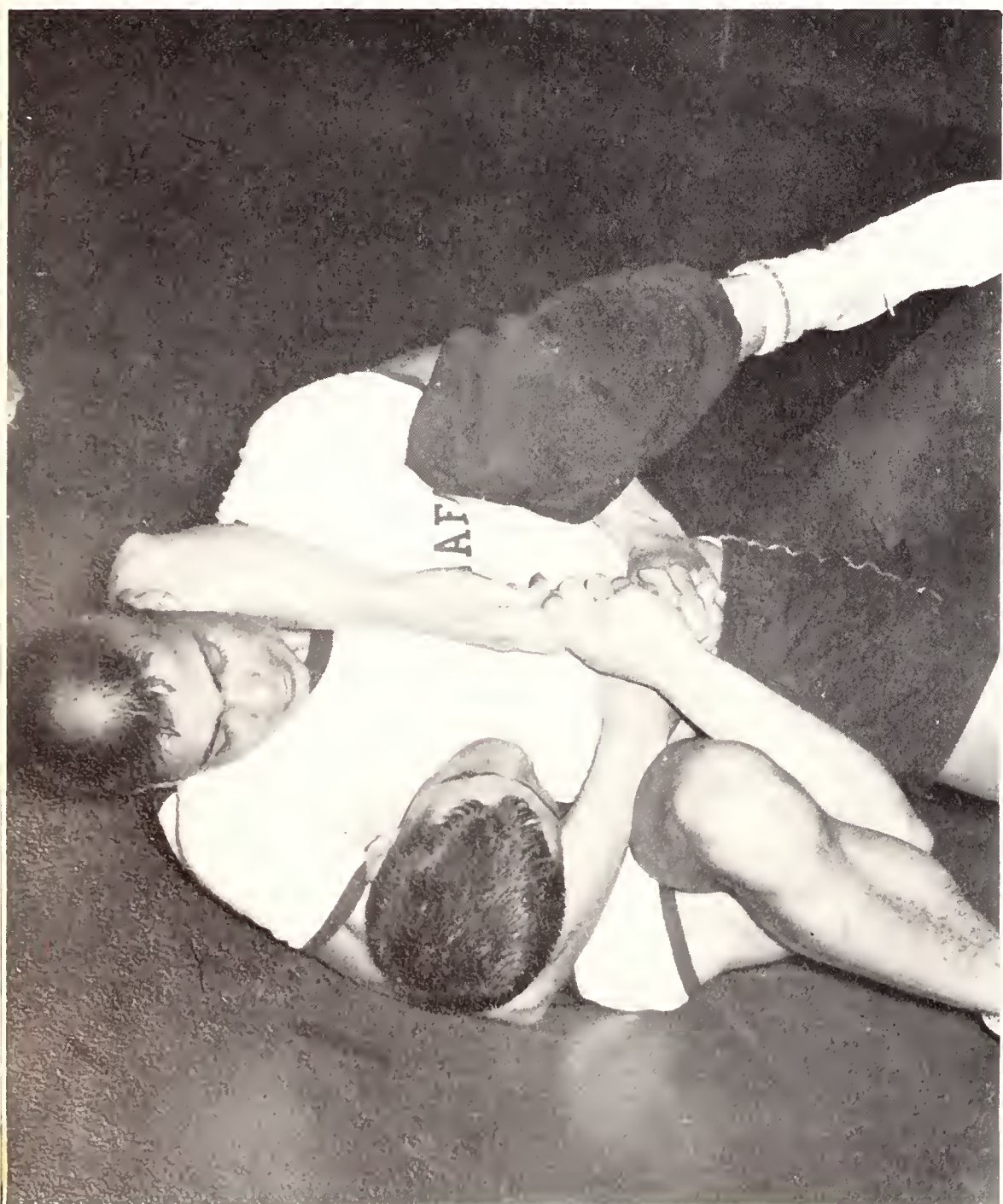


Great Developer of Paise, Agility ond Vocabulary



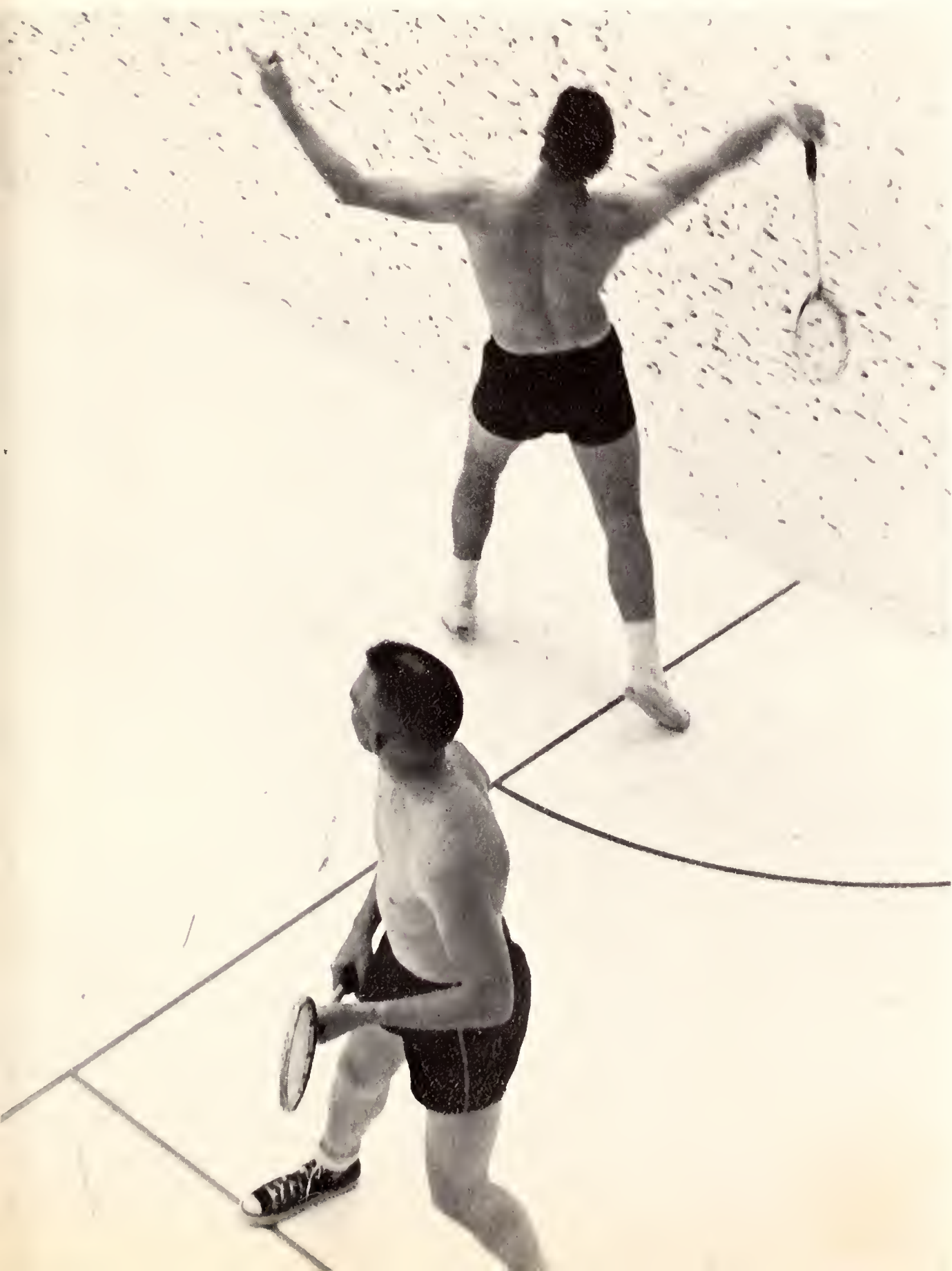


The Groans on This Circuit Were For Real





Squash—Handball With an Added Weapon.





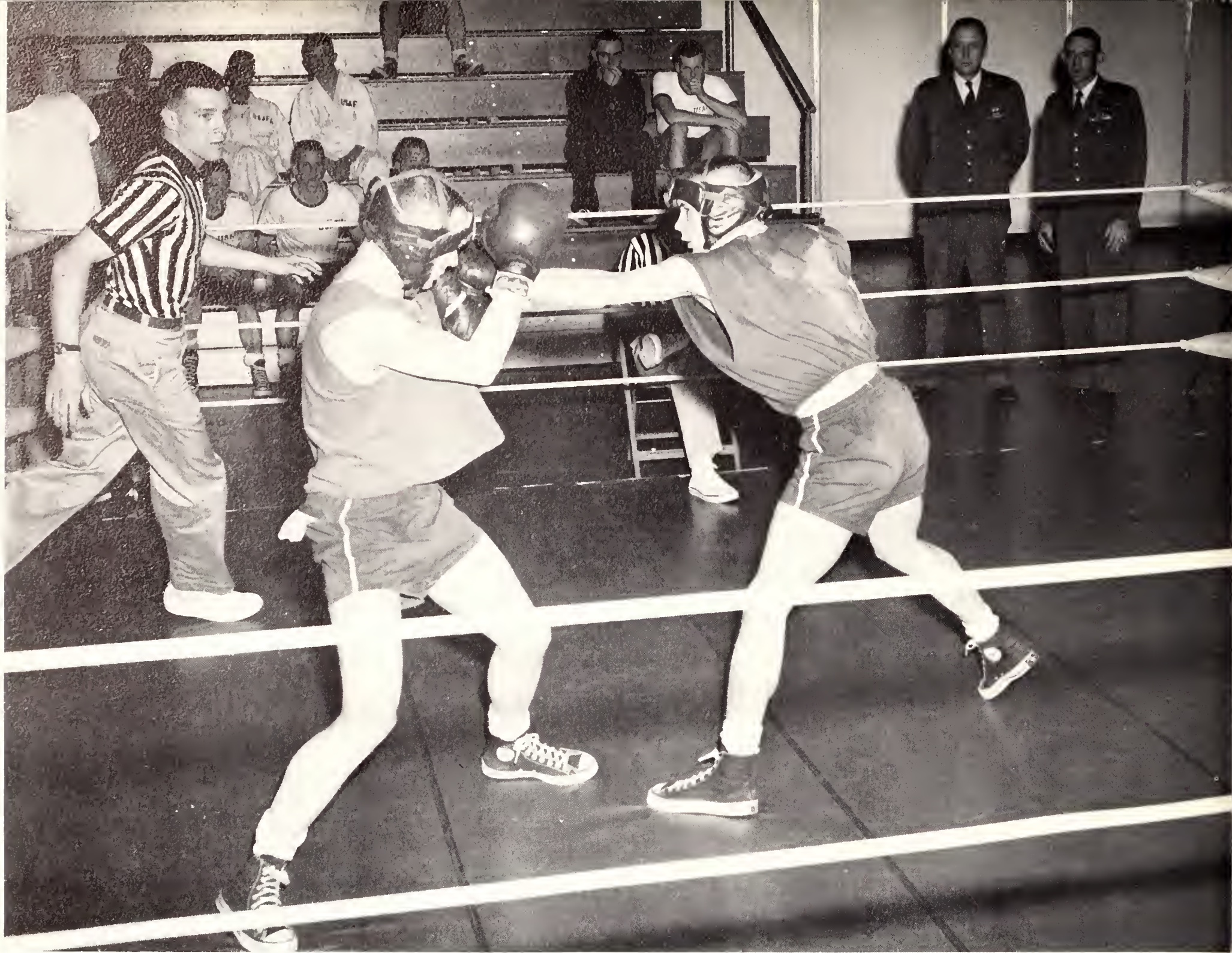
Rugged Rugby





Rumples Red-Tags (Also Blue, Yellow and Gray).











Social Life



Our Date Bureau Worked





Wonders







Mrs. Mac's
Soirees
Were The Most.





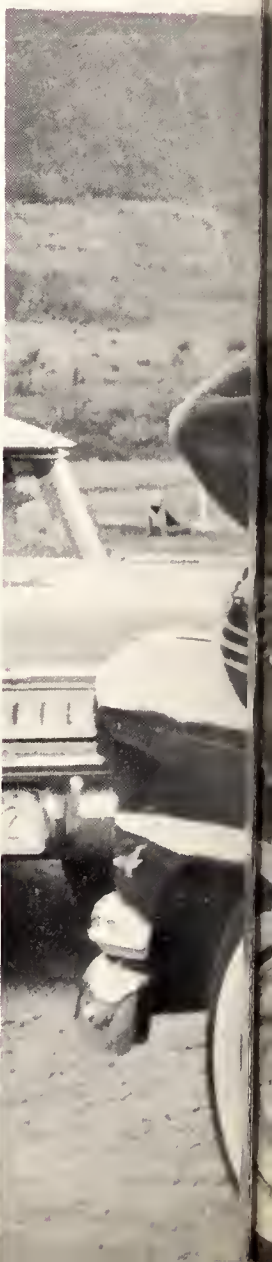
Even our fledgling





Falcons entered the mad social whirl.

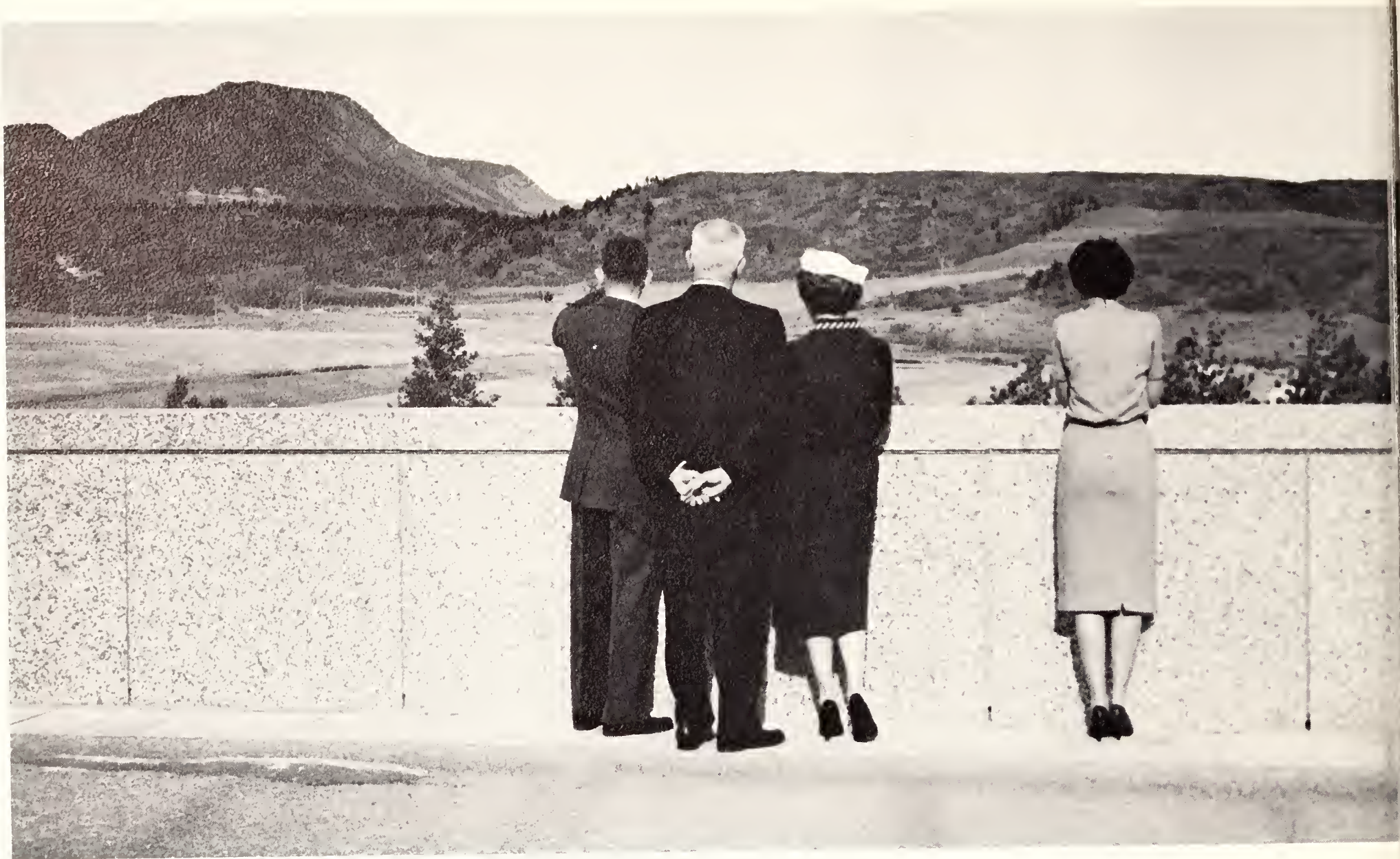




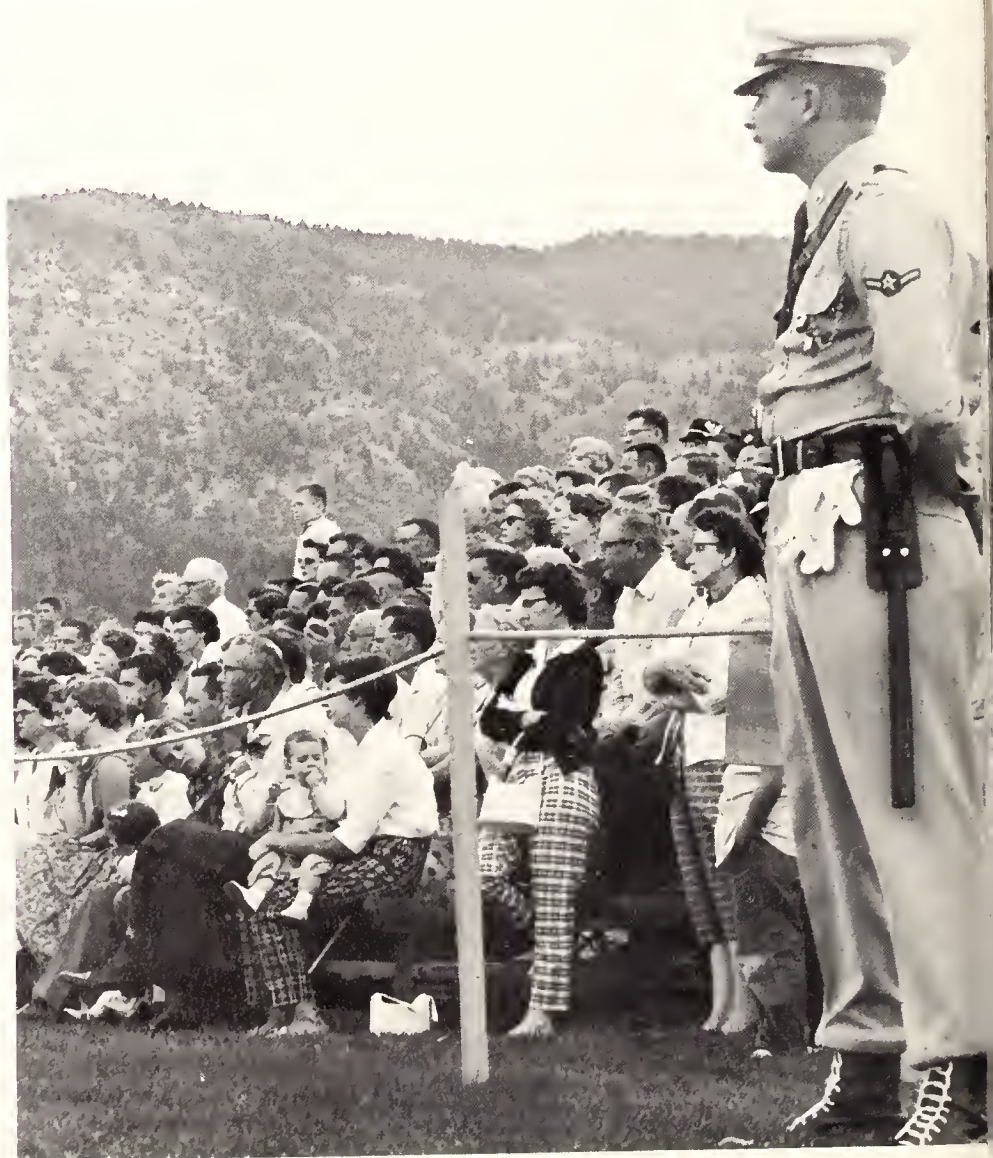


Then there were the ever-welcome weekends .





They came; they saw; they were impressed.

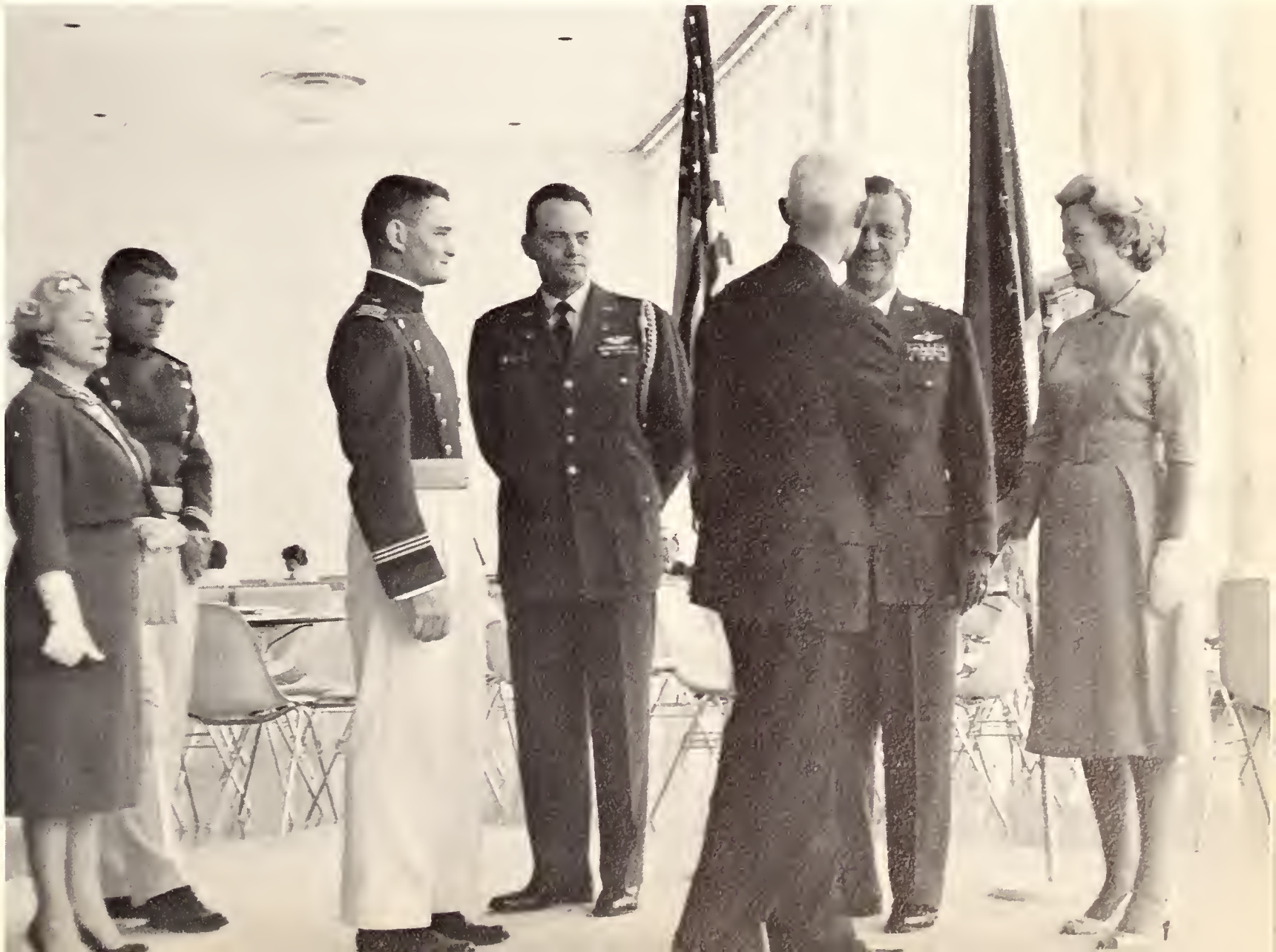


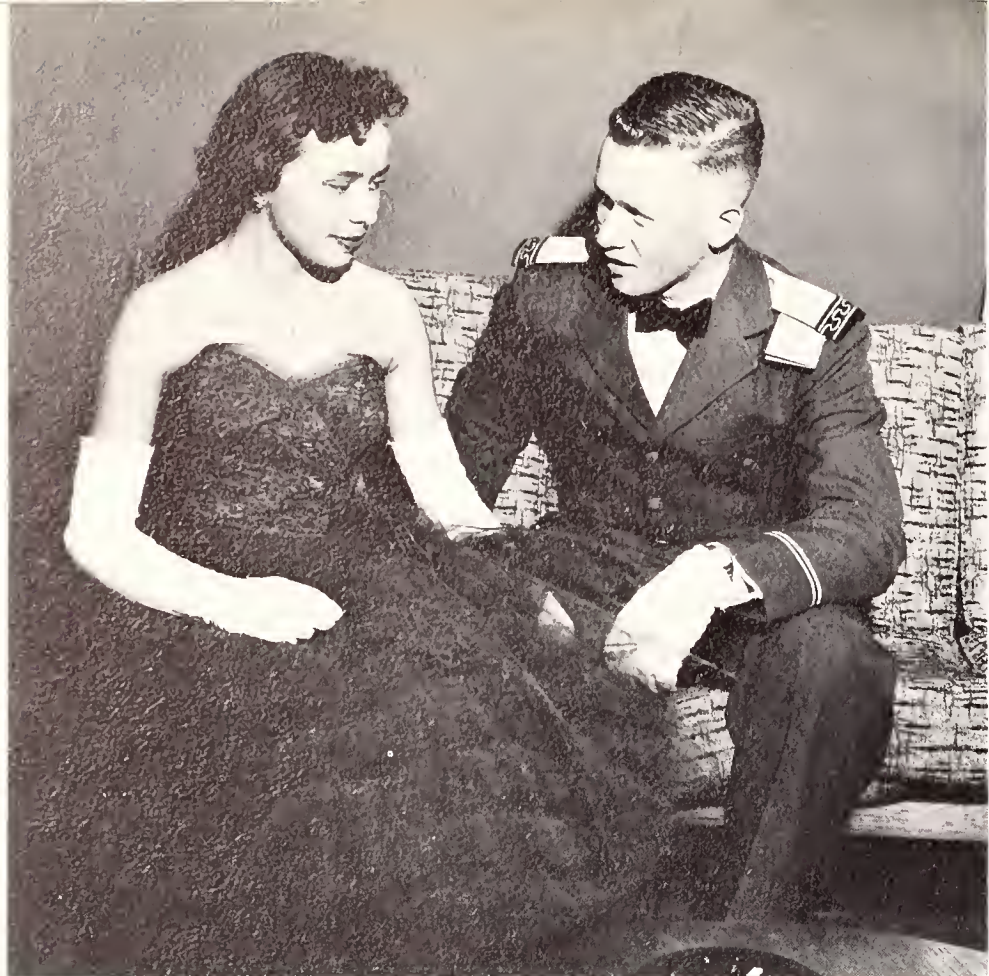






What's a Reception
Without a Receiving Line?





Four years of memories . . .





Receptions, Formals and just plain Dances.





Who can ever forget socializing at Ocama,

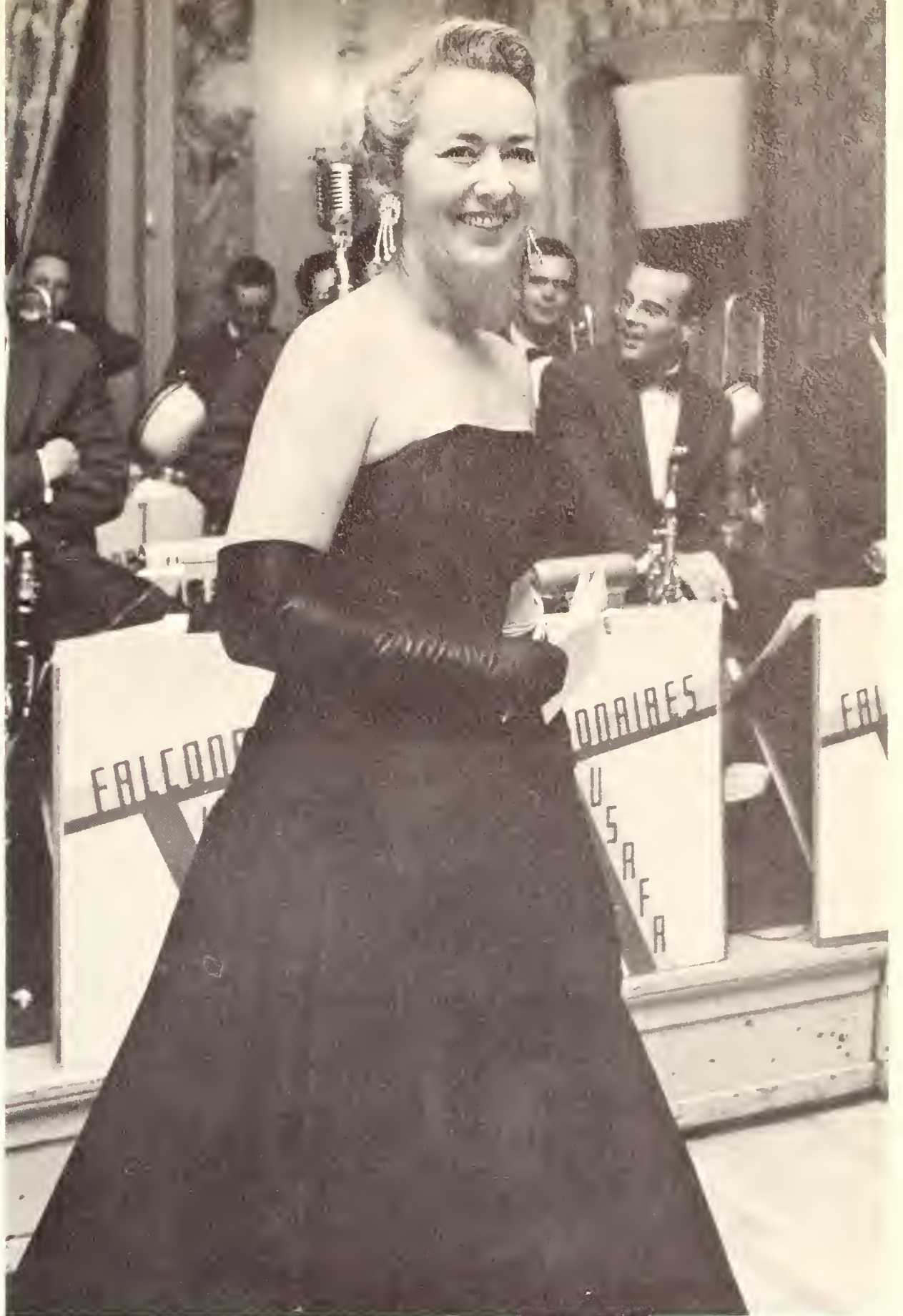




Lowry, C-Springs, London, Berlin; even Arnold Hall?











Cadet Activities

Honor Representatives

Chairman — STEVENS
Officer-in-Charge — COL. L. T. SEITH



Front Row, Left to Right: Curry, Meyer, Brost, Deep, Long, Caskey, Warack, Walsh. **Back Row:** Jansen, Thurman, Stevens, Elsea, Head, Lent.



Front Row, Left to Right: Kornouski, Kamarnitski, Thuerer, Anderson. **Back Row:** Sanzenbacher, Schutt, Walcott, Croll, Woodbury, Likens, Mason.

THE CADET HONOR CODE

The Cadet Honor Code states: "We will not lie, steal, or cheat, not tolerate among us anyone who does." The purpose of the Code is to create within the cadet a habit or second nature of honor so that he will become an officer of unquestionable honesty, integrity, dependability, and trust.

Class

1960

Officer In Charge
COL. L. T. SEITH

Shepard, R. B.
Van Singel, G. L.
Hardison, J. H. Jr.
Guillot, A. E. Jr.
Gulbransen, G. G.
Davis, R. C.
Thomasson, J. H.
Yoakum, V. E.
Love, M. V.
Jolly, W. R.
Sheets, G. D.
Newson, R. J. Jr.
Folkart, C. S. Jr.
Kaley, B. G.

Committees

1961

Officer In Charge
MAJ. E. L. MARCUM

Anderson, M. A.
Carson, C. G.
Hinton, P. D.
McCarter, D. E.
Mayo, J. R.
Miller, R. E.
Nolde, G. T.
Owens, T. P.
Payne, J. G.
Skilling, T. G.
Smith, R. D.
Stover, J. M.
Wilhelm, J. E.
Williams, W. T.
Wilson, T. W. C.
Worhman, F. R.

1962

Officer In Charge
LT. COL. H. M. HENNINGTON

Duvall, R. W.
Eckel, G. M.
Niemi, N. N.
Klass, R. L.
Shepperd, D. W.
Wilson, G. S.
Lightsey, R. H.
Johnson, R. K.
Major, M. G.
Jefferson, W. T. A.
Harwick, A. H. C.

1963

Officer In Charge
LT. COL. M. L. BOSWELL

Bohlin, E.
Bush, C. V.
Butterfield, D. H.
Deilke, R. W.
Deberry, D. L.
Diffendorfer, J. H.
Flynn, J. W.
Gude, F. K.
Harley, W. M.
King, F. D.
Lee, R. M.
Musselwhite, G. E.
Parma, W. H.
Roth, M. J. C.
Sims, R. B.

Dance Committee

CAPT. D. M. MULLANEY
Officer-in-Charge

1960

Gillis, W. A.
Cler, A. J.
Thompson, C. H.
Burke, T.
Hobgood, L. A.
Furuta, B. T.
Seebode, T.
Congdon, N. B.
Mason, J.
Luck, G. E.
Gurley, S. E.
Holt, S.
Schwank, J. C.
Zersen, W. F. H.
Waters, S. E.
Mosier, B. M.

1961

Bright, J. W. L.
Hill, T. S.
Scott, V. D.
Jones, B. C.
Shewmaker, L. A.
Apodaca, V. S.
Mac Aulay, K. W.
Jardine, J. R.
Wofell, T.
Bodenhamer, H.
Conover, C. D.
Willis, B. G.
Dean, C. R.
Wagner, R. R.
Poole, J. C.
Fairlamb, R. C.

1962

Banford, A. J.
Bumen, R.
Rentenbach, T. M.
Brown, C.
Nickel, T.
Seibert, N. F.
Carroll, H. K.
Mac Lennan, J.
Hogan, W.
Loyacono, P.
Reed, W. H.
Young, J. J.
Hopkins, R. S.
Baucom, D. R.
Patton, R.
d'Aquin, J. J.

1963

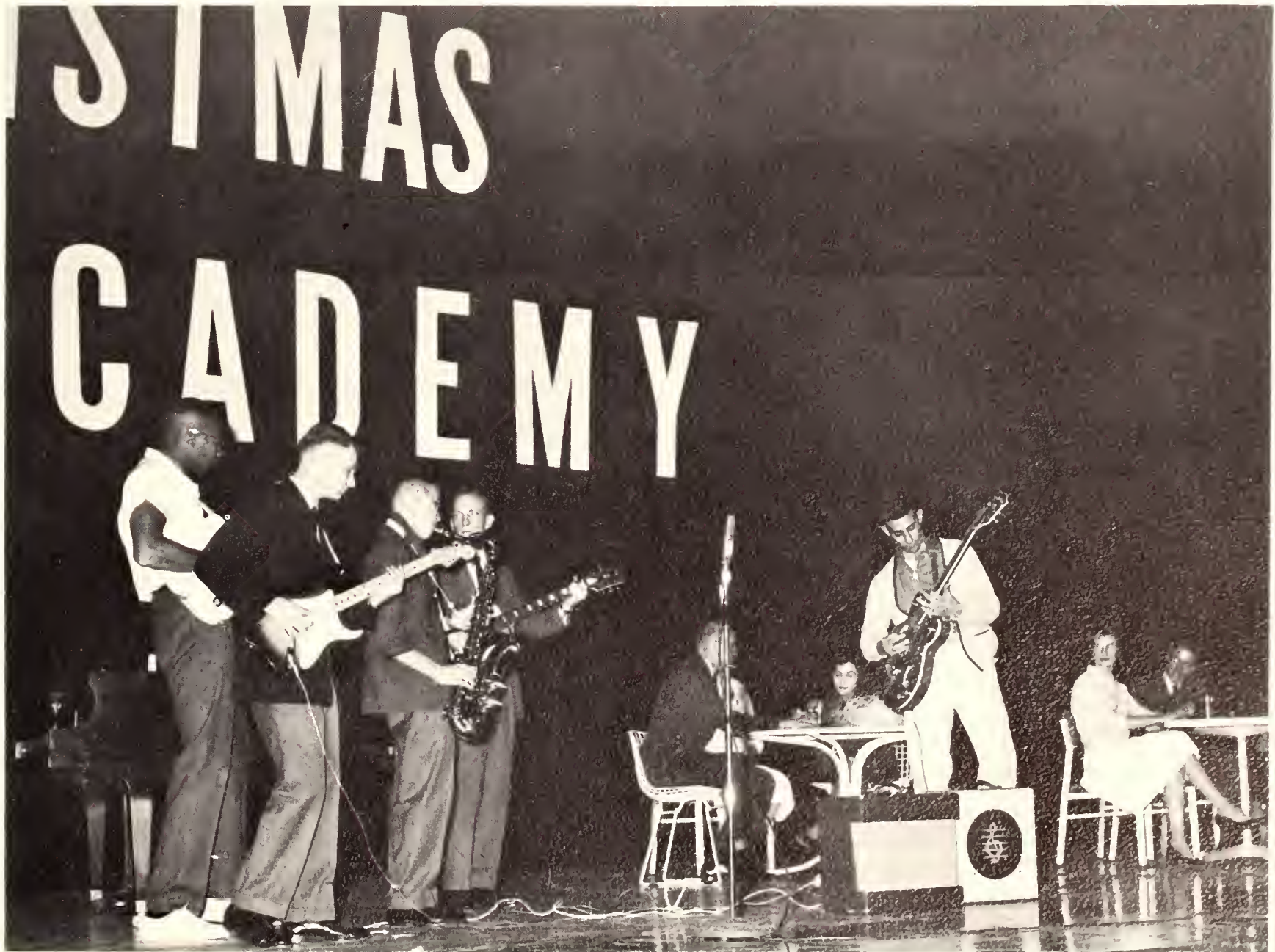
Fausey, J.
Sutton, S.
Parker, C.
Keeman, B.
Brown, D.
Horton, H. T.
Wetherington, B.
Davis, J. J.
West, M.
Rohatch, R. R.
Jones, R.
Corey, B.
Caruana, P.
Meier, B. W.
Smith, E.
Ritchie, W. J.

Entertainment Committee

MAJOR G. E. HAIRSTON
Officer-in-Charge

Gillis, W. A.
Pacina, G. C.
Miller, D. F.
MacFarlane, W. L.
Johnson, L. C.
Holland, G. F.
Waugh, G. R.
Smith, J. L.
Palazzolo, J. W.
Georgi, C. D.
Jamba, J. W.
Keenan, W. V.
McCain, C. M.
Rieselman, L. F.
Martines, J.
Haney, D. J.
Whalen, W. W.
Porter, W. R. C.
Boutz, J. F.
Scauzilio, R. J.
Hammelburger
Congdon, N. B.
Smith, F. K.
Arbogast, T. D.

Richert, M. E.
Dinsmore, J. C.
Cooper, R. R.
Karschnick, G. L.
Duke, R. H.
Rector, J. C.
Stack, G. T.
Wilson, G. M.
Nehring, J. A.
Macartney, J. D.
Roe, D. H.
Deberry, D. L.
Miller, R. E.
Daniel, L. E.
Ognibene, P. J.
Cooke, P. A.
Poley, P. F.
Schulze, W. C.
Sweeney, W. C.
Fullerton, R. A.
Prenez, J. E.
Luce, D. B.
Broughton, R. E.
Hoffmen, H. D.



Rally Committee

CAPT. R. G. CARNRIGHT
Officer-in-Charge

Alnwick, K. J.
Matthews, R. T.
Almanzar, D. H.
Stackhouse, J. E.
Trotogett, P. H.
Boyington, G. Jr.
Lebel, H. F.
Milnes, R. C.
Bradstreet, F. E.
Larson, C. A.
Rager, R. G.
Lalime, T. R.
Negroni, H. A.
Rhoades, T. S.
Fries, G. J. C.
Sell, R. H.
Sands, C. D.
Folkart, C. S. Jr.



Ring and Crest Committee

1961

Bennett, S. D.
Chiappino, L. J.
Dickson, J.
Haslouer, W.
Hull, M. H.
O'Connor, P. B.
Schneider, L. G.
Scott, H. L.
Stringer, R.
Thomas, C. G.
Utendorf, A. E.
White, R. P.

MAJOR W. A. PATCH
Officer-in-Charge

1962

CAPT. P. E. MCGILL
Officer-in-Charge

Urban, F. R.
Heacox, D. J.
Baughman, G. L.
Vaughn, D. K.
Connolly, R. J.
Qualey, J. P.
Ryan, P. C.
Thompson, G. M.
Bifolchi, G. J.
Searl, C. W.
Hodgkinson, R. L.
Butchko, M. J.
Tomlin, T. N.
Larson, G. W.
Mack, J. E.
Rokke, E. J.

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Varsity Sports	C. R. JOHNSON
Intramural Sports	J. R. CARTER
Social & Activities	R. P. WEINAUG

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Photography Editor	R. P. ODENWELLER
Business Manager	A. D. THRUSH



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Dillon, D. D.
Goodyear, W. G.
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Shapek, R. A.
Shulmister, M.
Taylor, W. W.
Wynne, P. E.
Walker, F. T.
Frailey, H. V.
Shapek, R. A.
Smith, P. J.
Wolcott, J. J.

COL. L. T. SEITH
Officer-in-Charge

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Officer-in-Charge

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Eller, T. J.
Karnowski, L. J.
Shulmeister, M. R.
Wolcott, J. J.
Bockelman, D. C.
Gabel, B. E.
Haugen, W. J.
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Gebhardt, C. L.
Lee, N. I.
Nehring, J. A.
Porter, F. C.
Potter, G. L.
Roberts, J. A.
Turner, R. M.
Wynne, P. E.

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Jones, B. C.
Komarnitsky, O. R.
Svitenko, L. C.
Dee, W.
DeSanto, R. J.
Donahue, L. F.
Easter, J. R.
Fox, T. J.
Holbrow, W. F.
Holt, D. E.
LaPlante, T. A.
Lindahl, F. W.
Macaulay, K. W.
Nuss, D. G.
Pollock, R. G.
Rosendahl, E. E.
Simpson, W. H.
Svitenko, L.
Wheeler, R. C.

CAPT. P. L. BRIAND
Officer-in-Charge

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CAPT. W. J. ACKER
Officer-in-Charge

Lankenau, E. F.
Burke, T. E.
Eller, T. J.
Anderson, M. A.
Koerner, D. K.
Sanzenbacher, F. W.
Jones, D. H.
Jones, W. H.
Hourin, J. J.
Hamrick, G. R.
Martin, H. P.
Ogilvie, J. W.
Henshaw, R. A.
Hutchison, T.
Johnston, C. H.

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CAPT. J. D. FREEMAN
Officer-in-Charge

Aman, E. D.
Anderson, M. A.
Auletta, B.
Bauer, F. C.
Box, D. W.
Breedlove, P. S.
Burwell, J. C.
Carling, J. C.
Carter, J. R.
Chaklos, T. E.
Cochrane, C. J.
Coffey, C. T.
Davis, R. C.
de la Cruz, G.
Diesem, J. L.
Donovan, R. B.
Doyle, R. L.
Egeland, D. M.
Fain, J. A. Jr.
Flynn, J. F.
Gillson, A. W.
Glaza, J. M.
Griffis, W. E.
Gorham, F. W. Jr.
Hall, R. W. Jr.
Harley, W. M.
Hepburn, P. R.
Hill, T. S.
Hopp, E. G.

Horsburgh, H. R.
Koonce, T. T.
Krebs, R. G.
LaPlante, T. A.
LeBrun, J. A.
Lewis, A. J.
Lovell, C. C.
MacFarlane, W. R.
Merkel, P. A.
Munson, C. F.
Nauton, L. C.
Odenweller, R. P.
Payne, J. G.
Quinton, M. E.
Roush, J. G.
Sands, C. D.
Seibert, N. F. A.
Sell, R. H.
Seward, S. B.
Small, D. W.
Sorenson, N.
Trotogott, P. H.
Urban, F. R.
Vikan, D. F.
Wax, D. J.
Weinaug, R. P.
Wells, N. E.
Westthrop, D. E.
Whitted, J. M.

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Officer-in-Charge

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Melancon, J. M.
Pacina, G. C.
Clark, J. W.
Daniels, J. E.
Goodson, W. L.
MacFarlane, W.
Marshall, L. W.
Doyle, R. L.
Eller, T. J.
Hamrick, G. R.
Jamba, J. W.
Luce, D. B.
Seward, S. B.
Carlstrom, D. L.
Carter, J. R.
Krebs, R. G.
Trotogott, P. H.
Vance, J. C.
Whitaker, K. J.
Wicklein, W. A. III
High, J. T. III
Newson, R. J.
Barnard, R. K.
Chepolis, W. N.
Granberry, C. W.
Harper, E. C.
Hauschlidt, J. C.
Hodson, W. T.
Bates, W. D.
Bowen, T. G.

Smith, F. K.
Chaklos, T. E.
Sullivan, J. D.
Tocado, D. M.
Holly, J. M.
Jefferson, W. T. A.
Miller, M. I.
Shulmister, M. R.
Ware, D. F.
Whitman, E. L.
Fritz, N. H.
Hodekinson, R. L.
Warren, J. R.
Abshire, D. L.
Billington, G. F.
Brush, T. J.
Burch, G. W.
Carroll, J. L.
Fox, R. C.
Gulbranson, G. G.
Holt, S. K.
Horsburgh, H. R.
Howe, H. L.
King, H. E.
Long, A. H.
Munson, C. F.
Nieme, N. N.
Noble, D. G.
Schmidt, W. E.
Wilson, G. D.

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CAPT. J. A. MAGEE
Officer-in-Charge

O'Rourke, I. C.
Farrington, A. D.
Baker, R. L.
Leonard, E. W.
McCullough, J. R.
Peel, J. E.
Shepard, R. B.
Smith, P. J.
Woelfel, E. W.
Griffin, C. W.
Burn, D. W.
Carnegie, W. A.
Croft, B. C.
Ware, D. F.
Schaffner, R. A.
Stanton, E. J.
Hart, C. E.
Roe, P. H.
Buchner, G. E.
Gibbons, W. M.
Thompson, A. S.
Williams, W. T.
Fallon, C. B.
Hill, H. G.
Harwick, A. H.

Bodenhamer, E. B.
Box, D. W.
Connerat, E. B.
Johnson, D. W.
Doyle, R. L.
Molinelli, L.
Sheets, G. D.
Vikan, D. F.
Haslouer, W. L.
Thomas, B. A.
Williams, T. W.
Wagner, R. R.
Carter, J. R.
Hobgood, L.
Stackhouse, W. R.
Howell, R. L.
Kohout, J. J.
Trotogett, P. H.
Johnson, R. K.
Smith, J. K.
Fischer, R. H.
Savage, G. S.
Sexton, R. R.
Yoakum, V. E.

Bowling Club

LT. M. F. McNAMARA
Officer-in-Charge



Sweigart, D. L.
Carnegie, W. A.
Campbell, H. N.
Dean, P. A.
Shewmaker, L. A.
Storm, T. L.
Box, D. W.

Saddle Club

MAJOR J. W. BRADBURY
Officer-in-Charge

Altman, H.
Andersen, R. A.
Campbell, H. N.
Carroll, H. K.
Carter, J. R.
Coffey, C. T.
Davis, R. W.
Dean, P. A.
Decker, B. E.
D'Entremont, J. A.
Fanning, W. J.
Frailey, H. V.
Halley, G. W.
Harley, D. M.
Hart, C. E.
Haugen, W. J.
Hill, H. S.
Hollie, L. L.

Howell, R. L.
Johansen, A. E.
Kennedy, J. J.
Kingman, L.
Koerner, D. K.
Landers, P. E.
Miller, J. D.
Moulton, W. F.
Nunn, A. N.
Paye, D. D.
Penniston, L. N.
Reeves, R. J.
Sanzenbacher, W.
Shewmaker, L. A.
Smith, M. D.
Stackhouse, J. E.
Van Singel, G. L.



Model Engineering Club

CAPT. J. L. SINGLETON
Officer-in-Charge

Heiges, R. H.
Kopke, K. D.
Lavender, H. L.
Lachelt, D. E.
Hmiel, D. G.
Holmes-Ray, P.
Johnson, H. R.
Van Sant, B.
Williams, W. T.
Willis, F. E.
Baughman, G. L.
Billington, G. F.
Davey, R. F.
Engels, G. P.
Guilmartin, J. E.
Hales, C. E.
Kuchleuski, R. J.
Lentz, C. B.
Lorenzini, D. A.
Mages, J. G.
Pirtle, P.
Seward, S. B.
Westhop, D. C.
Ayers, N. O.
Bauer, F. C.
Beall, K. C.
Bohlin, E.
Bryson, B. L.
Burwell, J. C.
Clark, R. B.
Rector, J. O.
Reed, J. A.
Saban, G. H.
Severson, L. L.

McCarthy, G. W.
Phillips, J. R.
Cooper, R. R.
Corey, R. L.
Daly, P. F.
Davis, P. H.
Deluca, J.
Dietz, D. R.
Edwards, J. L.
Ekman, L. C.
Elliot, B.
Freeland, M. L.
Gill, A. B.
Greenfield, J. L.
Haller, G. R.
Hart, E. C.
Heal, J. T.
Hemeyer, K. P.
Juister, R. M.
Kennedy, R.
Kominouski, R. J.
Kopke, M. D.
Kramer, H. R.
Maywald, P. V.
Miller, J. D.
Mindock, J. M.
Moore, P. M.
Pasquet, G. A.
Phillips, J. R.
Sheares, E. L.
Sprenkle, J. H.
Weber, R. L.
Winzell, J. R.



Engineering Society

CAPT. M. M. BRETTING
Officer-in-Charge

Goodson, W. I.
Jones, T. M.
MacFarlane, W. R.
Cooper, R. M.
Mason, F. J.
Komarnitsky, O. R.
Weight, R. H.
Barrett, F. L.
Taylor, W. W.
Schira, J. A. Jr.
Gonsky, J. P.
Lachelt, D. E.
Clark, J. W.
Zimmerman, A. D.
Sullivan, P. M.
Luce, D. B.

Lacrosse Club

MAJOR H. B. SHAW
Officer-in-Charge

McCall, M. J.
Swank, J. C. H.
Buckley, P. J.
Saunders, E. C.
Bujalski, J. H.
Atkinson, F. D.
Fanning, W. J.
Peters, G. L.
Young, J. R.
Hackney, R. R.
Weeden, R. J.
Engels, G. P.
Travis, D. T.
Whitfield, H. M.

Fries, E. J. C.
Apodaca, V. J.
Mosier, B. M.
Carnegie, W. A.
Olson, D. C.
Doyle, W. C.
Reavely, N.
Waddle, J. E.
Brophy, T. F.
Darnauer, J. H.
Burton, P. J.
Rhoades, R. S.
Lee, D. R.

Water Polo Club

Marshall, L. W.
Wilder, R. L.
Houston, J. G.
Mayberry, F. D.
Martin, H. P.
Adamson, D. A.
Brown, C. H.
Cooper, R. H.
Farquhar, J. L.
Schaum, C. O.
Connally, J. W.
Beck, B. T.
Burns, H.
Goetze, R. B.
Holt, S. R.

CAPT. C. H. ALLISON
Officer-in-Charge

Bridge Club

Campbell, L. N.
Poole, J. C.
Kellerman, K. F.
Taylor, W. W.
Waugh, G. R.
Bronson, H. F.
Stack, G. T.
Day, J. R.
Skilling, T. G.
Mason, F. J.
Tabor, D. C.
Dean, C. R.
Fricks, M. E.
Kellock, R. E.
Stevens, D. D.
Thompson, G. M.
Keighery, R. P.
Heacox, D. J.

CAPT. T. EISENMAN
Officer-in-Charge

Chess Club

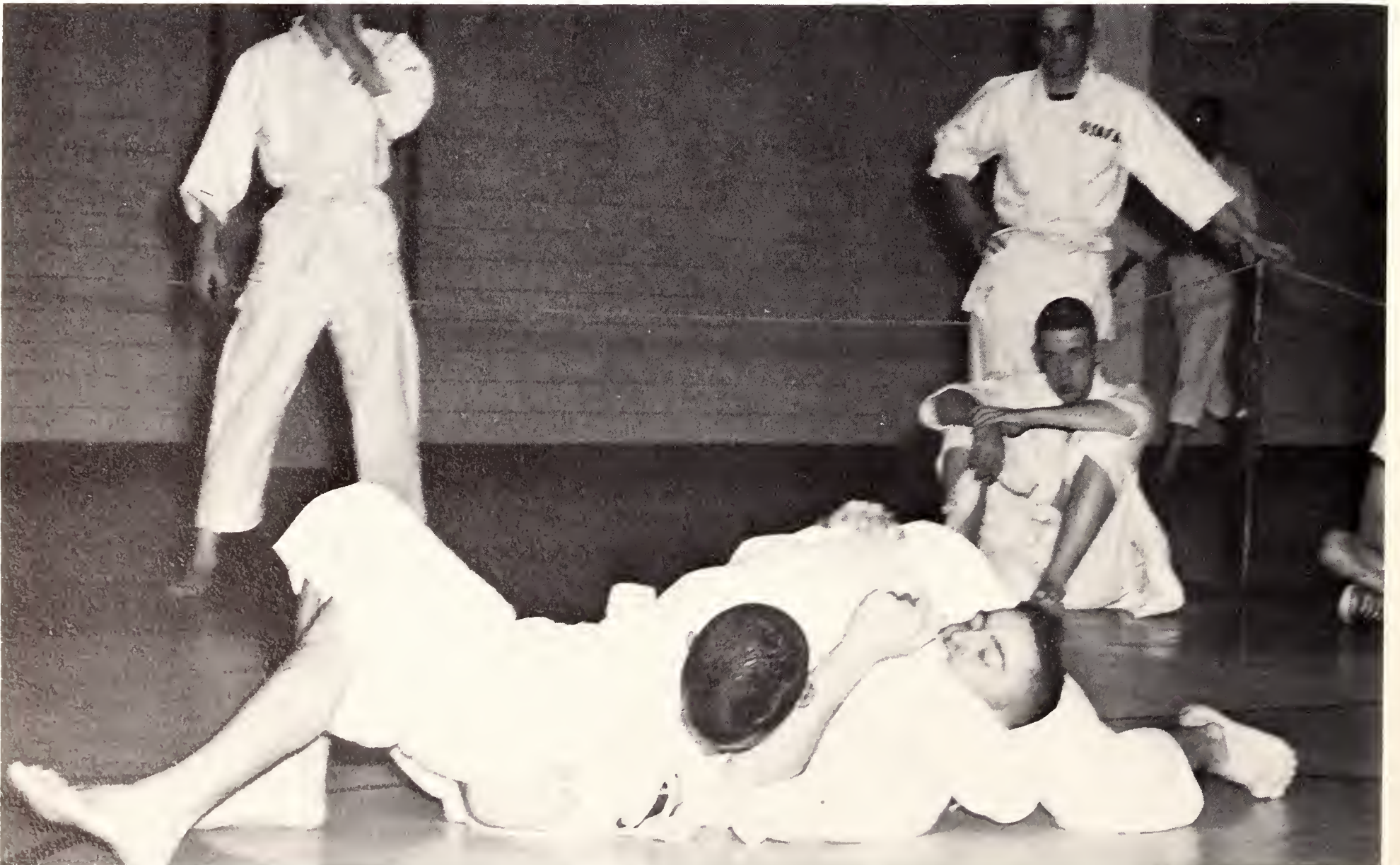
LT. COL. J. W. QUERRY
Officer-in-Charge

Folkart, C. S. Jr.
Sullivan, P. M.
Heiges, R. H. Jr.
Carnegie, W. A.
Brothers, J. N.
Gallagher, J. P.
Krebs, R. G.
MacLennan, J. C.
Marshall, L. W.
Miller, D. R.
Moore, T. K.
Scheiber, M. T.
Griffin, C. F.
Shulmister, M. R.
Travis, B. M.
Wright, G. L.
Bull, R. G.
Theurer, B. W.
Ahmann, J. N.
Mason, F. J.
Ammons, P. G.
Dean, M. F.
Hart, E. C.
Sims, R. B.
Kalberer, K. F. Jr.

Judo Club

Brophy, T. F.
Campbell, H. N.
Franco, C. S.
Gooch, L. C.
McQue, E. D.
McNaughton, R.
Mills, H. R.
Savage, G. S.
Sexton, R. R.
Skilling, T. G.
Tupper, N. G.
Waterman, C. R.
Weatherhead, H.

CAPT. R. L. ANDERSON
Officer-in-Charge



Mountaineering Club

CAPT. A. G. CHRISTEN
Officer-in-Charge



Apodaca, V. J.
Bodenhamer, H. L.
Boyd, S. R.
Burns, T. V.
Dillon, D. D.
Eller, T. J.
Girard, J. I.
Hines, B. J.
Jones, D. H.
Jones, W. H.
Kerr, A. D.
Kirk, C. R. B.
Lebel, H. F.
Sanders, T. A.
Trotogett, P. H.
Waddle, J. E.
Whitfield, H. M.



Ski Club

CAPT. T. F. BULLOCK
Officer-in-Charge

CADET OFFICERS

Hardison, J. A.	<i>President</i>
Gillis, W. A.	<i>Vice-President</i>
Dillon, D. D.	<i>Secretary</i>
Buckley, P. J.	<i>Treasurer</i>

This club, with a membership including practically every member of the Cadet Wing, is the largest operating at the Academy, a fact that is reaffirmed each year at the time of the first snow when skis, crutches, and casts appear almost simultaneously in large numbers.



Cadet Forum

CAPT. O. S. NIBLEY
Officer-in-Charge

Burton, P. J.
Clark, J. W.
Croft, B. C.
Currier, W. R.
Davis, R. C.
Goodson, W. L.
Haney, D. J.
Head, R. J.
Huhn, J. H.
Kendall, W. F. Jr.
King, H. E.
Kingman, R. A.
Lovell, C. C.
Macartney, J. D.
MacDonald, R. R.
MacFarlane, W. R.
Savage, G. S.
Schwank, J. H.
Sexton, R.
Thurst, A. D.
Werrell, K. P.
Wiest, D. L.
Aylsworth, W. C.
Bodenhamer, H. L.
Brophy, T. F.
Buckley, P. J.
Bull, R. G.
Copper, R. M.

Croll, C. W.
Carlstrom, D. L.
Danborn, D. R.
Dihon, C. B.
Eller, T. J.
Fullerton, R. H.
Lane, W. F.
Likens, R. G.
Miller, R. E.
Kohont, J. J.
O'Rear, E. N.
Payne, J. G.
Rogers, J. W.
Sanders, T. A.
Schutt, T. E.
Scot, H. L.
Stringer, R. F.
Whalen, W. W.
Williams, T. W.
Trotogott, P. H.
Annis, J. R.
Daugherty, J. W.
DeBerry, R. D.
Dinsmore, J. C.
Eckel, G. M.
Fleming, K. H.
Fiedler, F. A.
Fisher, K. S.

Gallagher, J. P.
Goodenough, R. E.
Harrison, G. B.
Haugen, W. J.
Hoffert, R. L.
Hogan, W. E.
Holbrow, W. F.
Keaney, T. A.
Keck, H. G.
Klass, R. L.
Keyes, A. L.
McClintock, R. M.
Moore, T. K.
Nichols, H. E.
O'Rourke, W. R.
Peterson, W. J.
Searl, C. W.
Sher, F. R.
Smith, J. L.
Smull, R. N.
Spory, R. M.
Starkey, J. L.
Tocado, D. M.
Tomlin, T. N.
Thompson, G. M.
Wicklein, W. A.
Woodworth, C. E.



Forensic Association

LT. COL. W. C. THOMPSON
Officer-in-Charge

Walker, F. T.
Brophy, T. F.
Hinton, P. D.
Owens, T. P. Jr.
Smith, R. D.
Stringer, R.
Williams, T. W.
Whalen, W. W.
Zompa, E. A.
Jensen, N. D.
Keyes, A. L.
Mangold, R. T.

Patton, R. B.
Stanton, E. J.
Andersen, R. A.
Bush, C. V.
Diesem, J. L.
Dougherty, J. J.
Evans, J. T. Jr.
Groves, W. C.
Hamilton, R. A. II
Van Allen, P. R.
Venkus, R. E.
Wynne, P. E.



Musical Group

MAJOR A. W. BANISTER
Officer-in-Charge

Anderson, D. L.
Bow, R. N.
Breckenridge, R. A.
Brothers, J. N.
Christy, C. A.
Croft, B. C.
Degerman, R. L.
Eggers, J. A.
Evans, A. S.
Flanagan, W. F.
Fraley, H. V.
Gallagher, J. P.
Gaston, J. C.
Green, W. T.
Halligan, J.
Hart, E. C.
Hemmel, J. C.
Hodges, R. C.
Howe, T. W.
Kelly, H. L.
Knudson, H. E.

Lentz, G. D.
Lyndall, F. W.
Martinelli, D. R.
McClintock, R. M.
Meier, B. W.
Mindock, J. M.
Pacina, G. C.
Pfeifer, S. W.
Patterson
Qualey, A. R.
Renoud, C. R. G.
Roth, M. J. C.
Schroeder, T.
Suby, S. F.
Vaughn, D. K.
Vaughn, E. W.
Vogelsang, S. E.
West, G. W.
Westhorpe, D. C.
Wilson, D. E.
Wise, J. M.

Falconers

CAPT. W. L. RICHARDSON
Officer-in-Charge

Guess, T. J.
Nolde, G. T.
Baker, S. J.
Hogan, W. E.
Paddon, H. G.
Tacado, D. M.





Combined Choirs

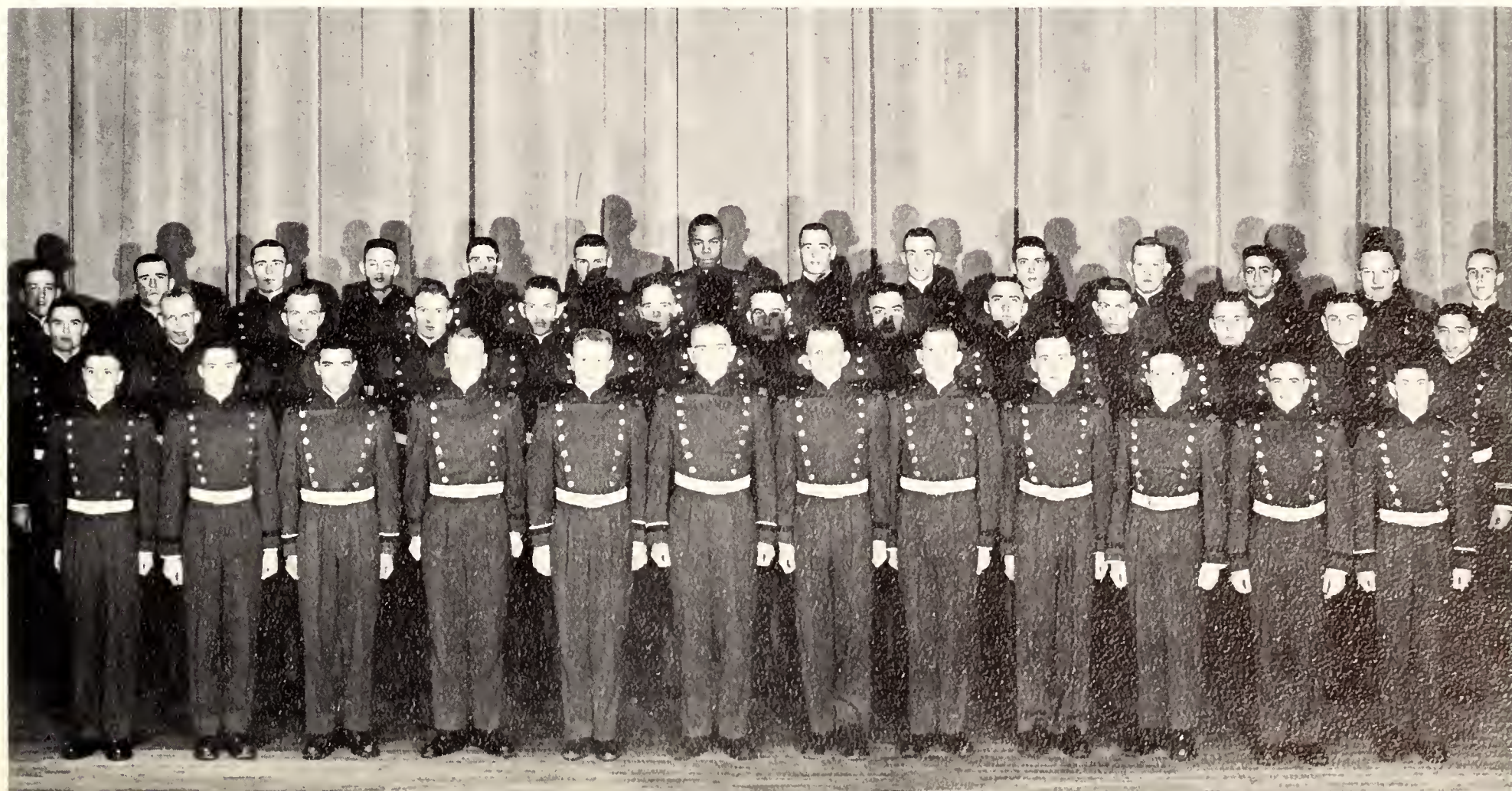
Protestant Choir





Cadet Chorale

Catholic Choir



Professional Studies Group

LT. COL. L. J. CHURCHVILLE
Officer-in-Charge

Allborn, J. N.
Barrett, F. L.
Backman, V. E.
Bockelman, D. C.
Brophy, T. F.
Carnegie, W. A.
Dake, T. L.
Frederick, G. L. Jr.
Hawes, G. T.
Hardison, J. H.
Higgins, J. L.
Hopp, E. G.
Horton, H. T.
Kennedy, R.
Lefton, J. D.
McNulty, G. C.

Meinhardt, F. P.
Nenninger, R. L.
O'Connell, M. J.
Pattie, T. N.
Rader, R. F.
Rotz, D. N.
Savonen, S. J.
Schehr, R. R.
Shillcutt, D. D.
Smith, E. L.
Stackhouse, W. K.
Starkey, J. L.
Staten, K. E.
Troutman, D. E.
Wagner, R. K.
Wheide, J.

Protestant Cadet Religious Council

Manchess, W. E.
LeFors, W. H.
Kepner, D. A.
Fisher, K. S.
Kerr, J. A.
Fey, J. C.
Carter, J. R.
Yee, D. K.
Hutchinson, D. L.
Butler, G. L.
Price, C. S.
Bull, R. G.
Mayo, J. R.
Howe, H. L.
Harmon, L. C.
Zersen, W. F.

CHAPLAIN C. I. CARPENTER
Officer-in-Charge

Air Force Academy Assembly







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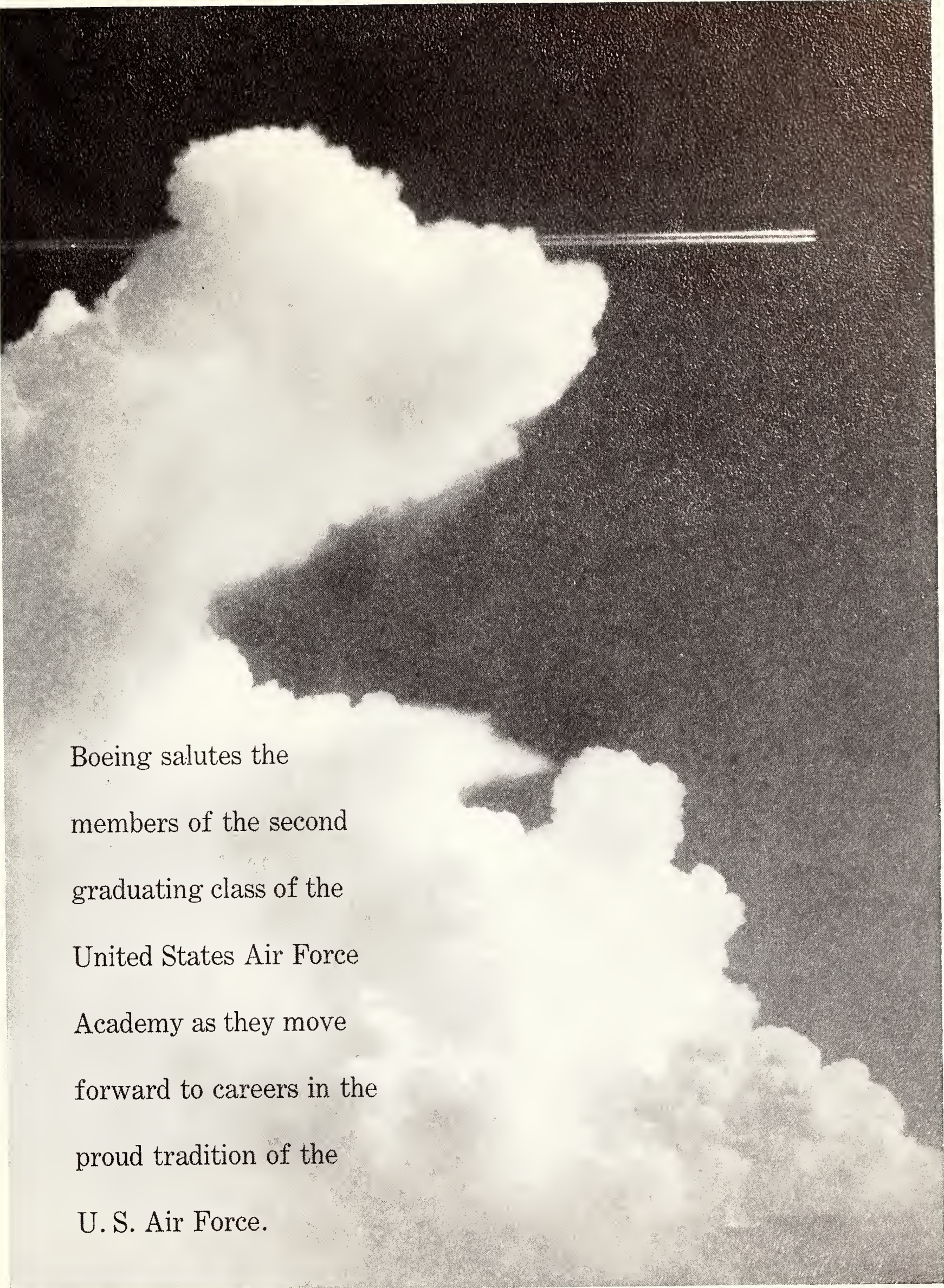
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forward to careers in the
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*They were four years that I won't
forget either.*

1956

TO

1960



EXASPERATING . . .
EXHILARATING . . .
EXHAUSTING
INSPIRING



*It is rough to have 200 friends
leave each June. All I can say is*

GODSPEED



*prodding the Polaris staff onward and upward
viewing such things as the Cotton Bowl
visiting Europe, 1958; need I say more?
watching high-school boys become young men*

Tony Darnell



Tony Darnell
Official Polaris Photographer
Newsfoto Publishing Company



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(and how this superlative '60 shows it!)

Nowhere will you find another car that caters to your driving wants like this one. That's because nobody else has gone to such lengths to find out what you want, and to give it to you. Eighteen sizzlin' new models for '60—every one designed for a particular set of requirements. Once you've picked out your favorite, give it a good leisurely going over and notice all the extra ways Chevy tries to please you (without once forgetting your budget):

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Pride-pleasing style (combines good looks with good sense).

New Economy Turbo-Fire V8 (makes friends fast by getting up to 10% more miles on a gallon).

Widest choice of engines and transmissions (24 combinations in all—to satisfy the most finicky driver).

Hi-Thrift 6 (built with Chevy's famed ever-faithful dependability).

Coil springs at all 4 wheels (with the extra cushioning of newly designed body mounts to filter out road shock and noise).

Quicker stopping Safety-Master brakes (specially designed for long lining wear).

*Chevrolet Division of General Motors,
Detroit 2, Michigan*

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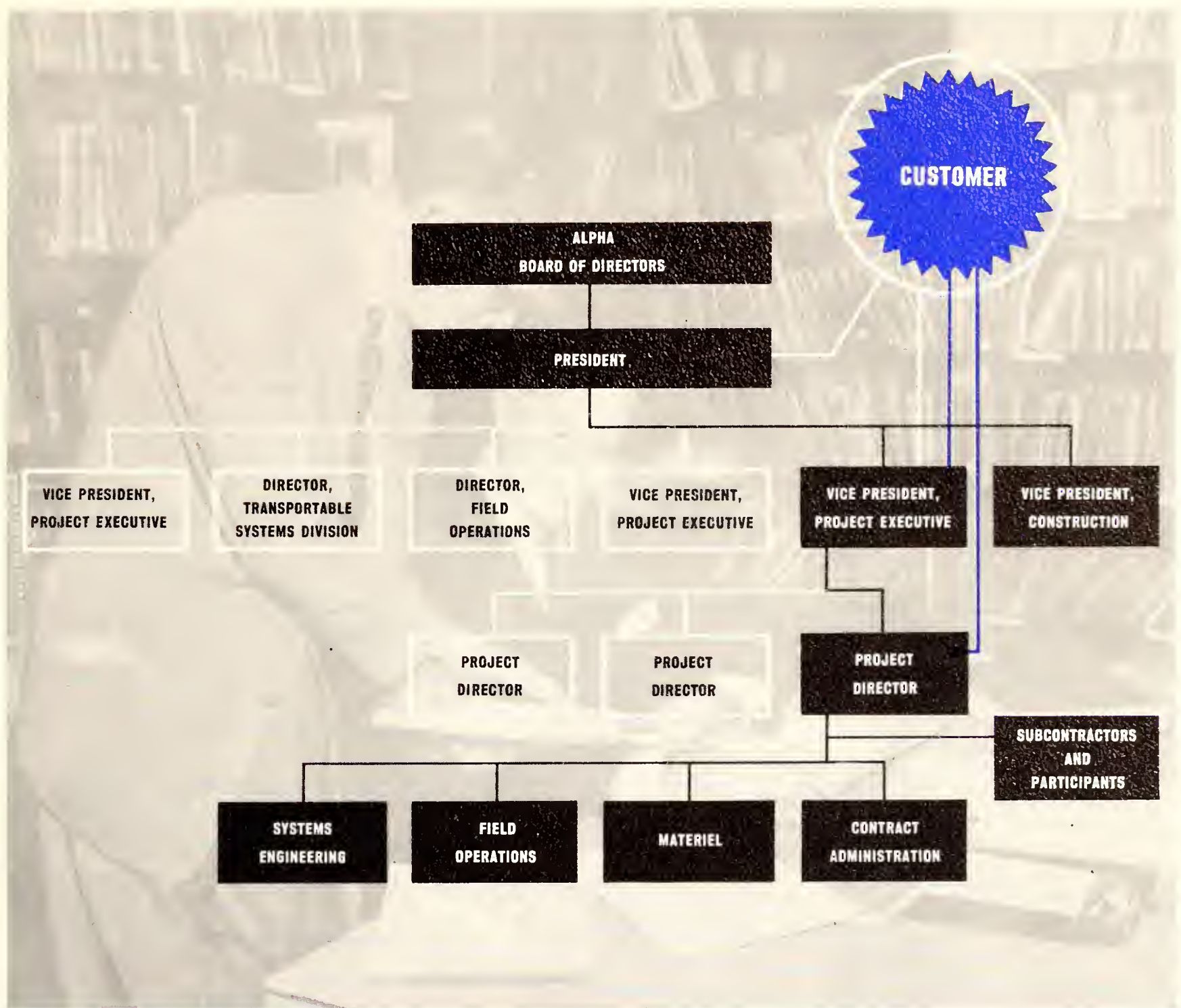


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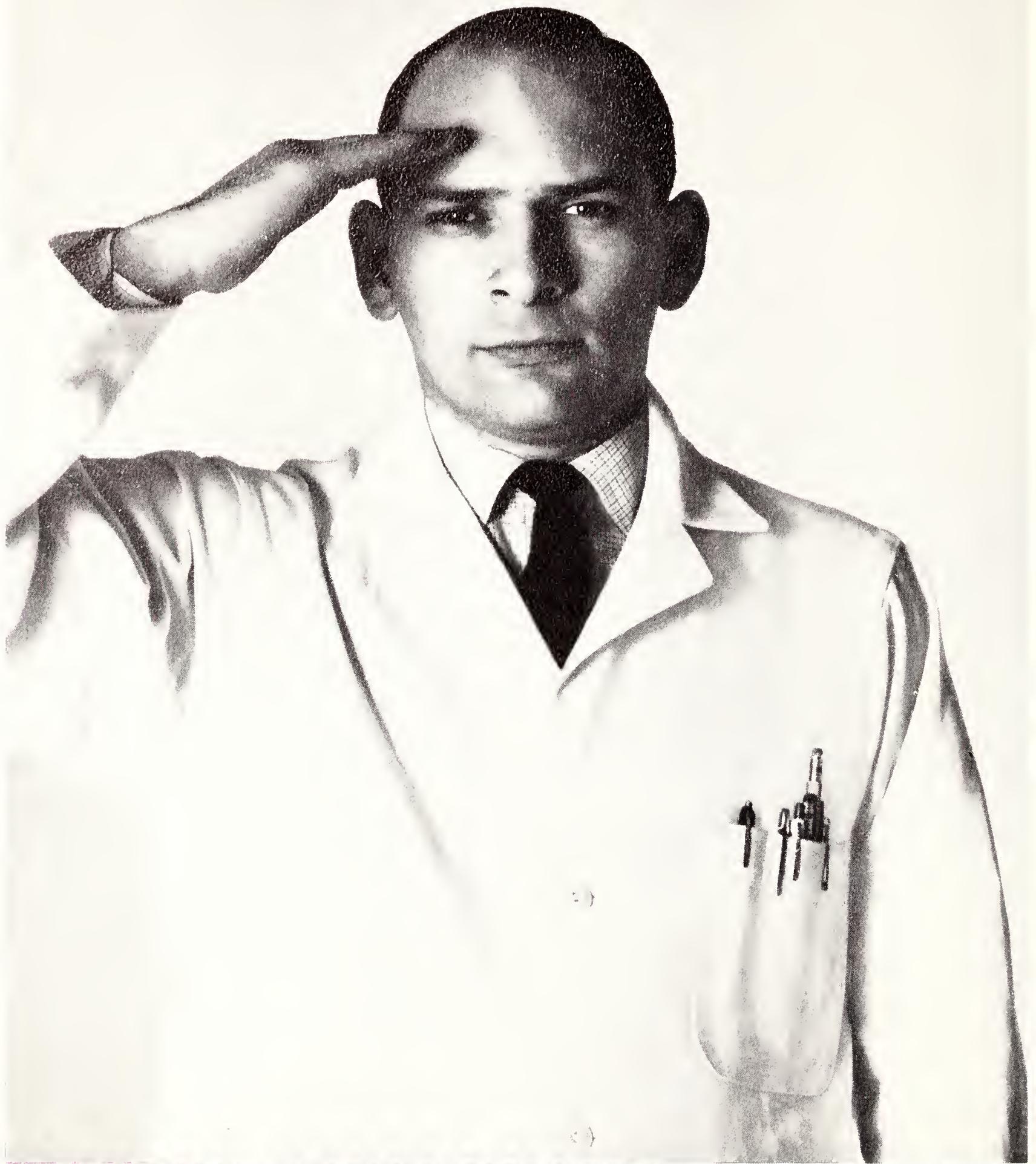
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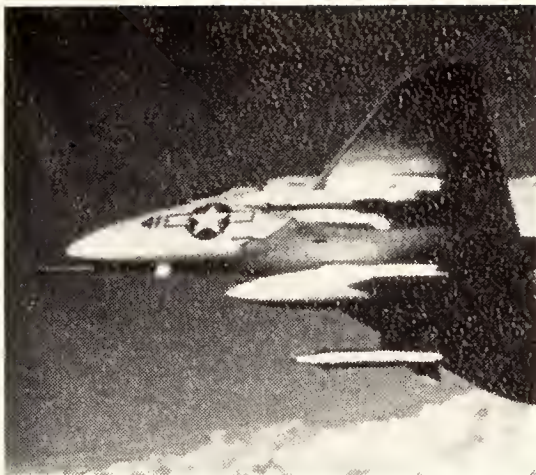


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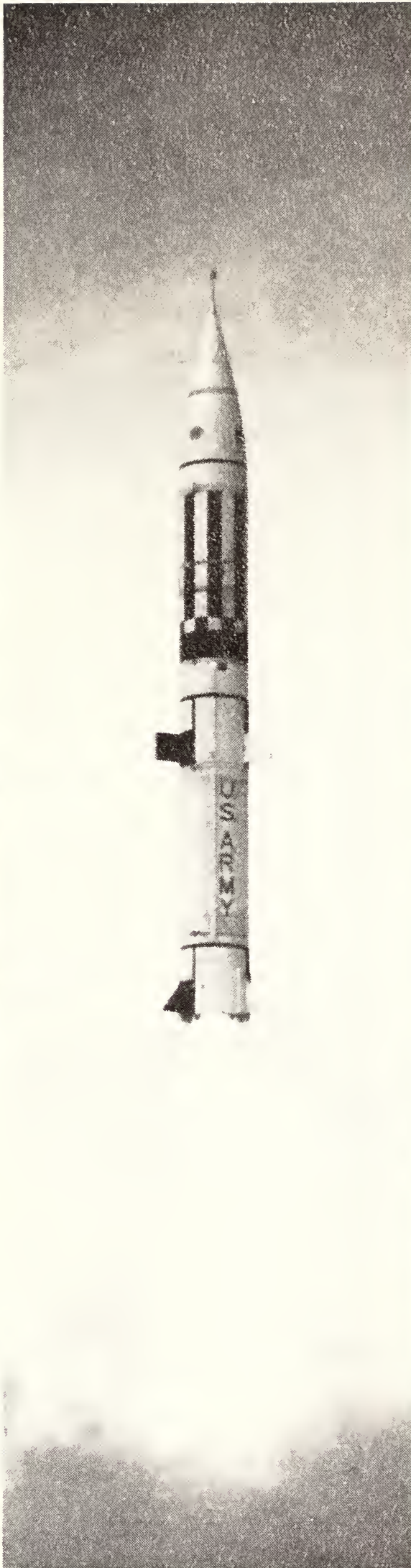
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Air Force Mace



Army Lacrosse



Army Pershing



Air Force Titan

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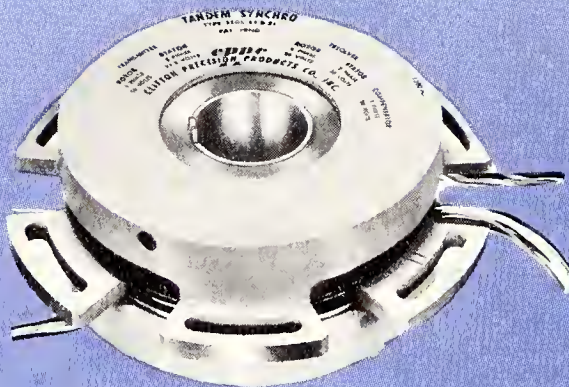
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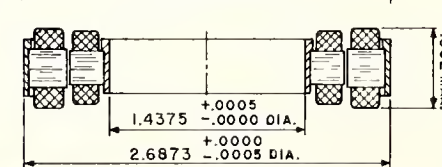
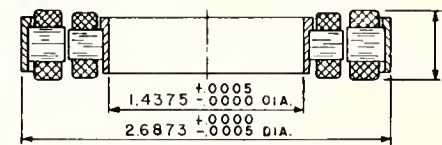
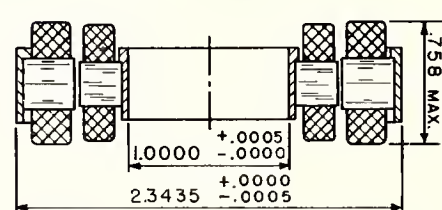
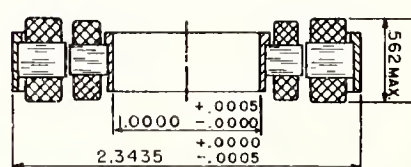
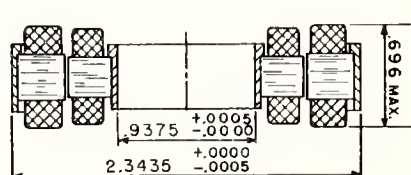
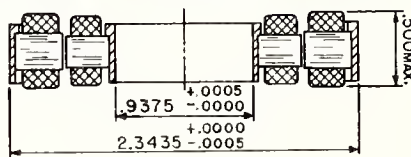
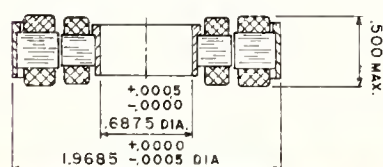
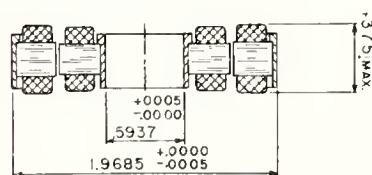
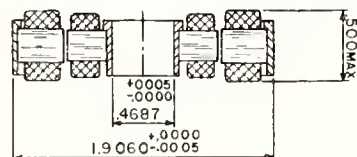


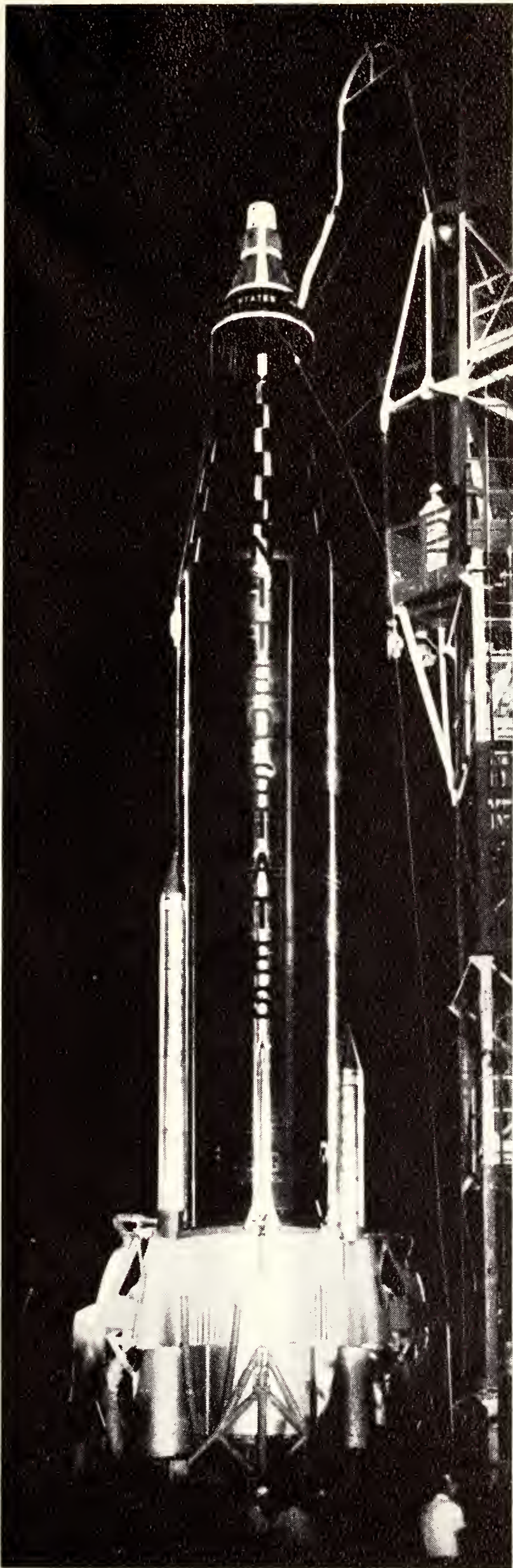
SIZE 28
Tandem unit. Transmitter and Resolver.



SIZE 37
Accuracy: $\pm 4'$ max. error.

A WIDE VARIETY OF BORES AND STACK HEIGHTS, widths and diameters available from existing laminations. Below are some examples. Let us know your needs.





The USAF Atlas, designed and built by General Dynamics Corporation's Convair Division, will put into orbit the first of this country's manned capsules (Project Mercury) ; will help send instrumented probes deep into space (Atlas-Able) ; boost heavy satellites into polar orbit (Projects Midas and Samos) ; and launch space vehicles for moon and planetary probes (Project Centaur).

In addition, scientists of General Atomic Division are studying (Project Orion) the feasibility of using controlled nuclear pulses to propel into space a ship weighing 1,000 tons. Meanwhile, Atlas, America's first operational Inter-continental Ballistic Missile, with a capability of delivering an atomic warhead at 16,000 mph over a range exceeding 6,000 miles, remains a major deterrent to nuclear war.

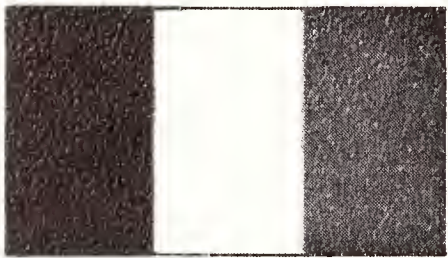
ELECTRIC BOAT
CONVAIR
GENERAL ATOMIC

GENERAL DYNAMICS

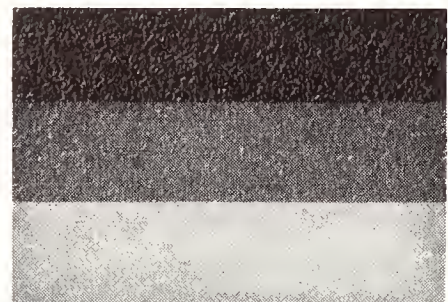
CANADAIR LIMITED
ELECTRO DYNAMIC
STROMBERG-CARLSON
LIQUID CARBONIC
MATERIAL SERVICE



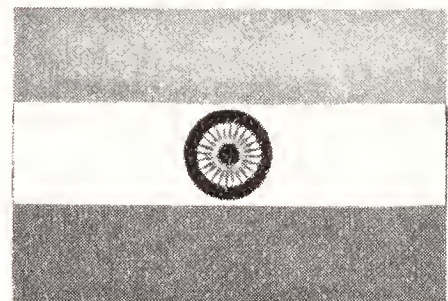
GREAT BRITAIN



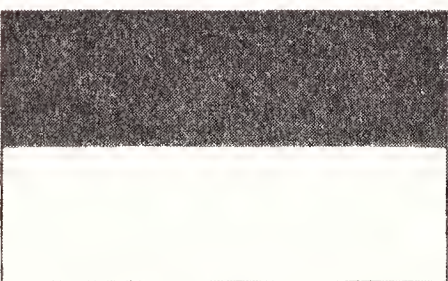
FRANCE



GERMANY



INDIA

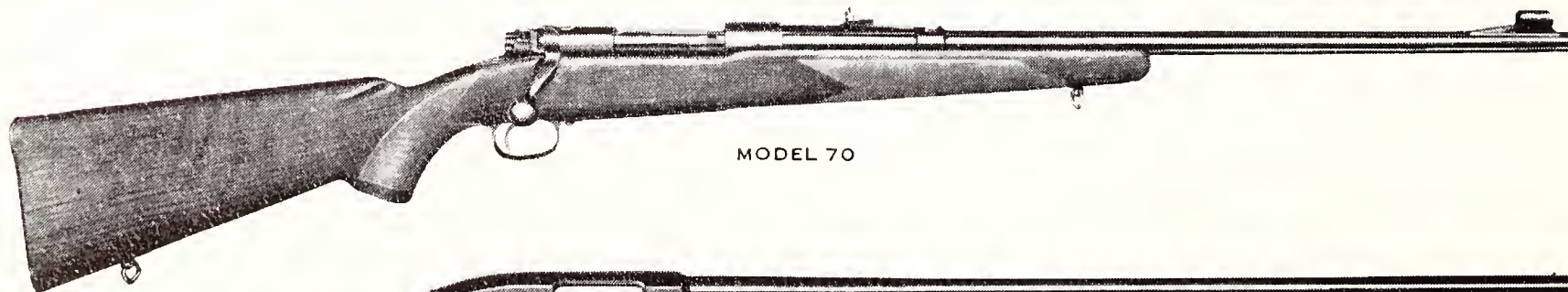


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DUTY TAKES YOU...
TAKE A
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A lifetime of hunting opportunities awaits you. Wherever you're stationed you'll find game—corn fed pheasants one year, perhaps Bengal tigers the next. Make the most of your chances and you'll collect thrills and trophies few millionaires can match.

And whatever you're after, be sure to use a genuine Winchester. There's a Winchester rifle or Winchester shotgun that will make it easier for you to take anything from Scottish grouse to a charging lion. A Winchester is the choice of sportsmen wherever there is game to be taken and a man to take it. Make a Winchester your choice, too.



MODEL 70

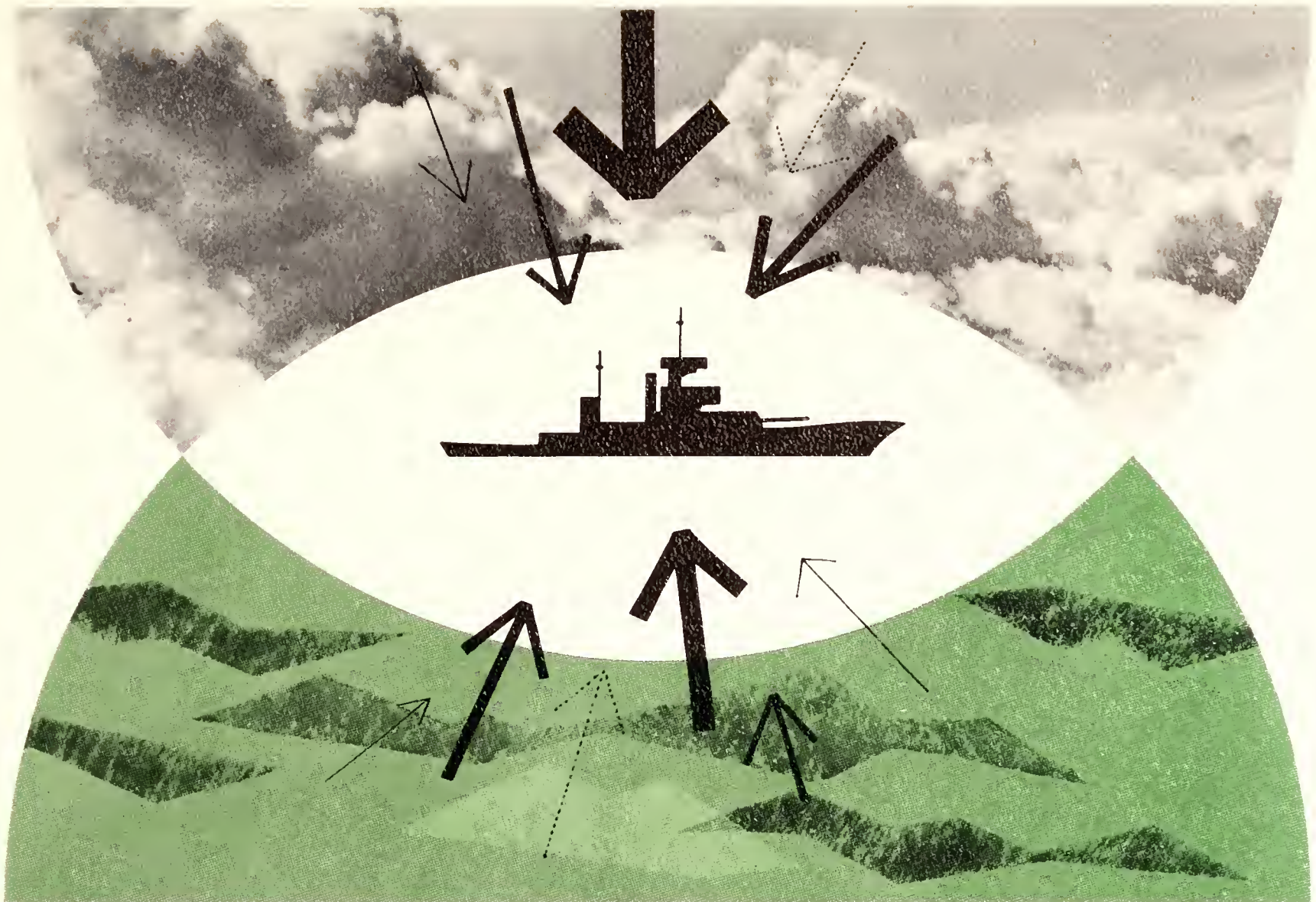


MODEL 50

WINCHESTER

TRADEMARK

WINCHESTER-WESTERN DIVISION • OLIN MATHIESON CHEMICAL CORPORATION • NEW HAVEN 4, CONN.



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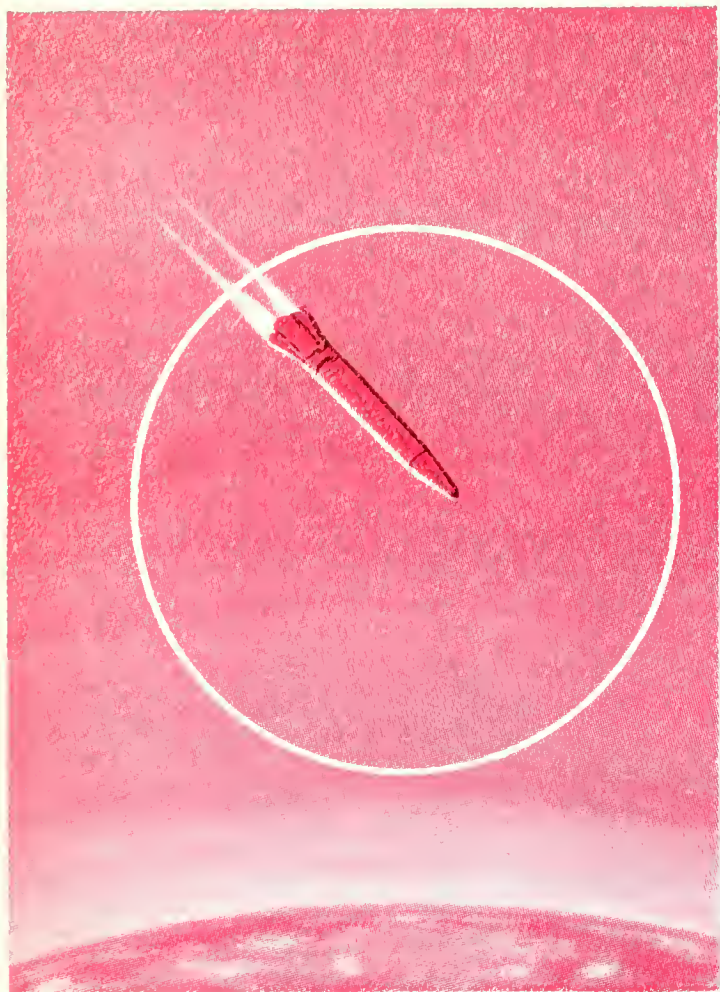
A Division of TEMCO AIRCRAFT CORPORATION • P. O. Box 6191 • Dallas 22, Texas

ELECTRONICS DIVISION

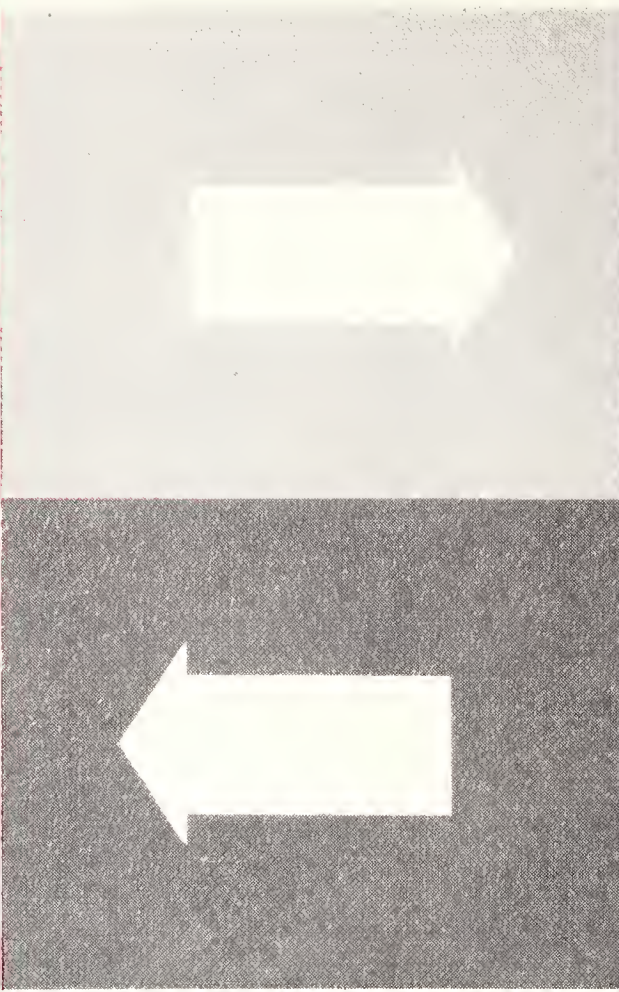
OVERHAUL & AEROSYSTEMS DIVISION

INDUSTRIAL DIVISION

FENSKE, FEDRICK & MILLER, INC., SUBSIDIARY



Data Acquisition and Application



Data Communication



Data Processing and Control

The 3 elements of an automated military system: all logical capabilities of IBM

IBM's Federal Systems Division has a unique three-way capability. Because of it, the Division can effectively handle study and development contracts of total defense systems—or assume total system management responsibility. It can originate the systems concept and carry it all the way to implementation.

In data acquisition and application subsystems—IBM has the facilities and manpower to develop and furnish the sensors, displays, and other devices for man-to-application, and machine-to-application communications. Also, to develop automatic sensors, sensor control, automatic dissemination facilities and displays required to direct proper and efficient functioning of the entire system.

In data communication subsystems—With capabilities and experience in IBM Tele-processing*, Federal Systems has the knowledge and facilities needed to design

and develop complete networks to meet systems requirements. This includes, for example, data communication subsystems with message switching functions and terminal instrumentation. Message processing equipment, inquiry stations, and code modulation-demodulation equipment are already under development in the Division's laboratories.

In data processing and control subsystems—Engineers and scientists at the Federal Systems Division can draw on a vast IBM background in data processing to develop new and advanced systems and programming concepts. They can draw on existing equipment, or utilize widespread manufacturing facilities to meet both the engineering and production requirements of totally new instrumentation.

The three elements of a military system are all logical capabilities of IBM's Federal Systems Division—for development *and* systems management.

Federal Systems Division, International Business Machines Corporation, 326 East Montgomery Avenue, Rockville, Maryland

IBM®



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As North American's X-15 — world's most advanced manned research craft—parts the curtain of earth's atmosphere, the arts of guidance and direction must play a critical role. Sperry's Air Armament Division, assigned the Flight Data System responsibility for the X-15, is meeting the challenge with inertial guidance gear of advanced design, precision and dependability.

But the problems of inertial guidance are not new to Sperry. During the past ten years, over 25-million Sperry man-hours have been employed to develop and produce successful inertial guidance. As a result, the nation has in the Convair B-58 Hustler the most thoroughly studied, ana-

lyzed, tested, evaluated and understood inertial guidance system in being — plus the advanced guidance equipment for the X-15 and for other future applications.

And in addition to work on government sponsored space guidance systems and techniques, Sperry scientists and engineers are exploring new and exotic techniques for gyros, advanced miniaturized digital computers, acceleration sensors, zero gravity environment systems—in many cases involving radical departures from current technology—with the aim of developing concepts, systems and hardware that are *ahead* of the challenges of man in space.

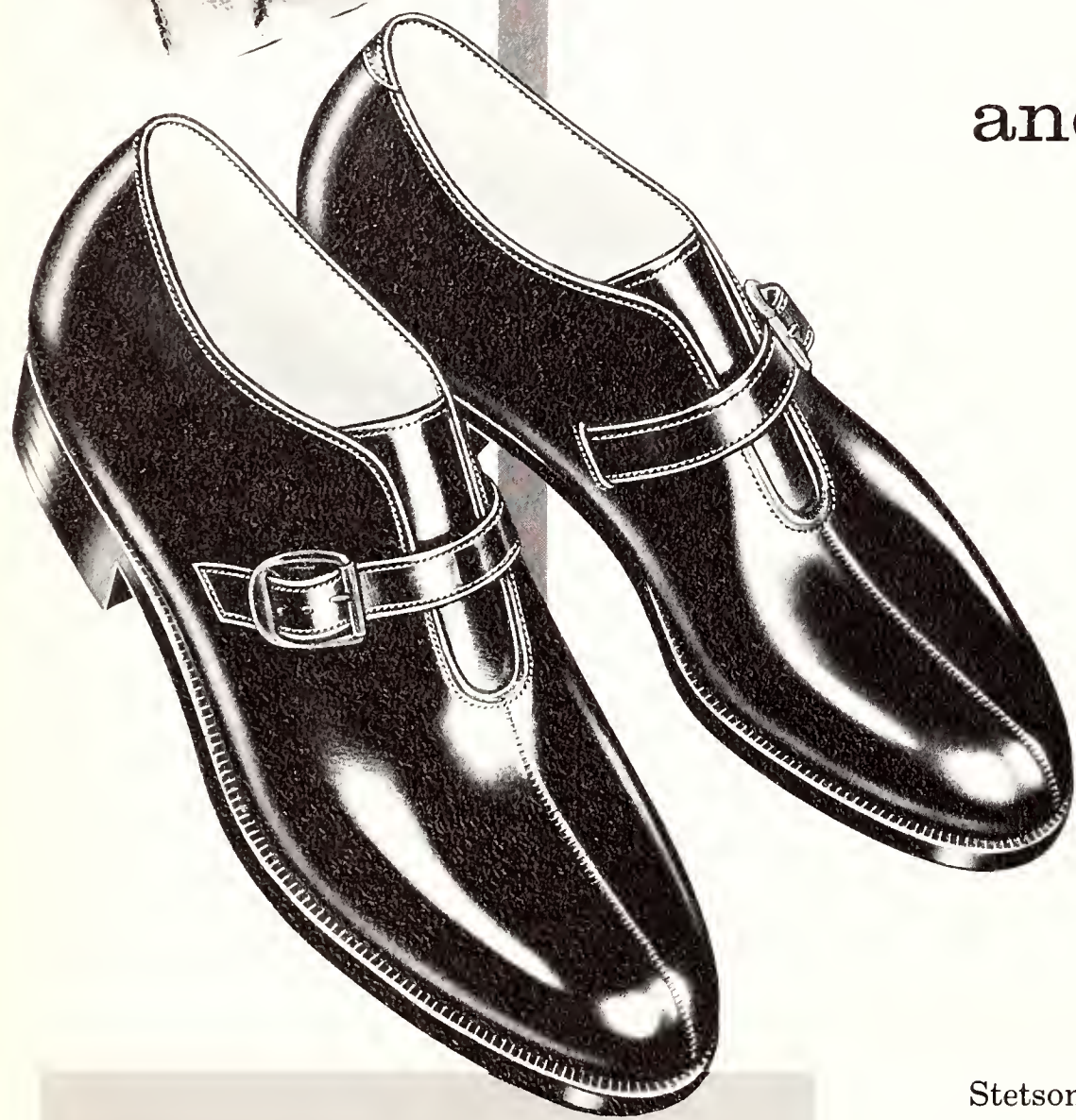
SPERRY

AIR ARMAMENT DIVISION, SPERRY GYROSCOPE COMPANY, DIVISION OF SPERRY RAND CORPORATION, GREAT NECK, NEW YORK



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and Officers-to-be



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using the natural resources of other planets

**Air Force space studies aimed at cracking military problems
also reveal potential civilian benefits**

Progress in space research is so rapid that consideration must now be given to projects you'd have scoffed at a few years ago. For instance, development of a nuclear rocket could drop payload costs so low that it would be economically worthwhile to import rare materials from other planets.

Projects such as this are the daily fare of engineers at Douglas. Right

now they are studying the many problems related to interplanetary exploration: Can humans survive? What about temperature, gravity, water, food . . . and fuel for the return trip?

Douglas has been finding answers to such problems since 1941. These answers are seen in action every time a Douglas-built Thor boosts another payload into space.

Development of nuclear power, utilized in space ships like this Douglas concept, will speed the day when man will travel in outer space and use its resources.

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ALRI, the Airborne Long Range Input system of the U. S. Air Force, is the seaward extension of SAGE, the vast electronic network that warns of aircraft approaching the North American continent. Philco will develop, produce and modify the airborne height-finding radar as an ALRI team member under the system manager, Burroughs Corporation. Philco was selected for this vital work because of its long and extensive experience in the development and production of military airborne radar and its major contributions to radar technology. Here is further evidence of Philco's leadership in advanced electronics . . . for reconnaissance, communications, weapon systems, space exploration and data processing.

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to secure the Cadets' future.*

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Weapons are created with knowledge, built with know-how, and produced in quantity with technical skills. Foremost in Grumman's plans for the future are men who have the imagination to create and the insight to solve.

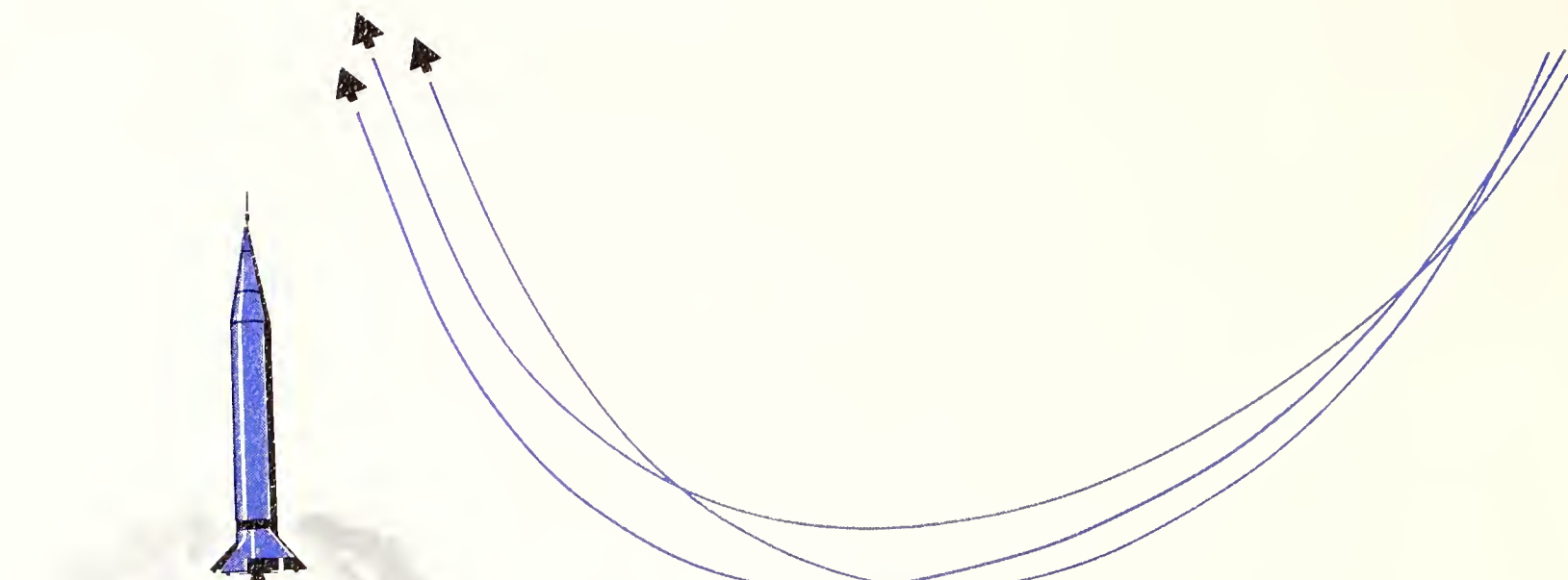


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Anti-submarine and early warning aircraft • Business transports • Attack aircraft • Observation aircraft
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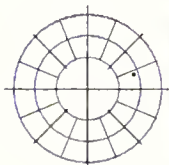


The BROADMOOR
COLORADO SPRINGS, COLORADO

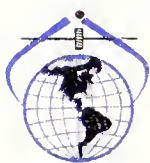


IN THE SERVICE OF FLIGHT...

The Budd Company "teams up" men, minds and machines in a continuous creative effort—backed by the most modern and comprehensive research and testing facilities. The closely integrated work of its divisions and subsidiaries results in ideas, products and processes of great value in the design and production of a wide range of aircraft, missiles and rockets.



- **Budd Lewyt Electronics, Inc.**—Manufacturer of special-purpose data processing systems; communications equipment; instrumentation; products for the environmental control of electronic equipment.



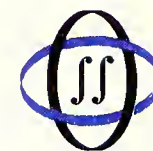
- **Instruments Division**—A complete line of physical testing equipment, Metal-Film strain gages, standard and custom load cells, and a unique PhotoStress technique for direct strain measurements—all can be tailored to aircraft industry requirements.

In addition, complete line of gamma radiography equipment for nondestructive testing, providing beam, panoramic and internal exposures in shop and field. Inaccessible airframe areas are readily reached by small radioactive sources.

- **Continental-Diamond Fibre Corporation**—a pioneer in the development and manufacture of special high-heat resistant materials for ablation applications, laminated and molded plastics, vulcanized fibre, and bonded mica in the form of sheets, rods, tubes and tapes.

- **SpaceAtoms Division**—A leader in the development and fabrication of advanced aerospace and atomics structures, coupling a broad research and engineering capability with extensive prototype and production facilities.

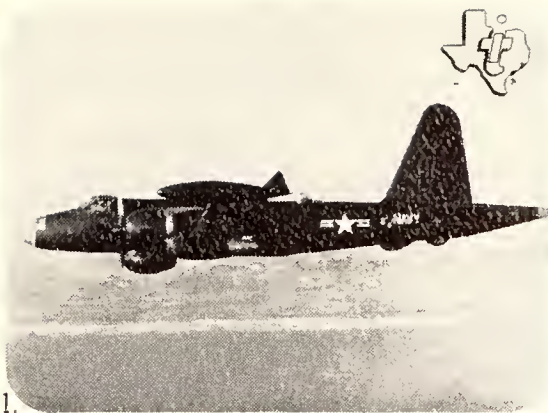
- **Electronic Controls Section**—Developer and producer of Monautronic Resistance Welding Controls—the first to use feedback principle. Controls assure consistently good welds—so vital to the aircraft industry—by compensating automatically for all variables.



THE Budd COMPANY

PHILADELPHIA 32, PA., WASHINGTON 6, D.C., LOS ANGELES 23, CAL.

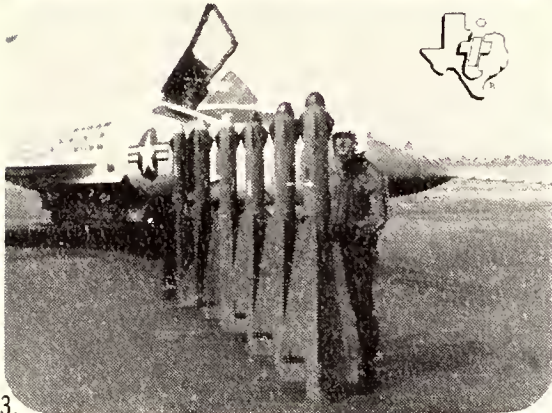
TI IN MILITARY ELECTRONIC SYSTEMS



1.



2.



3.



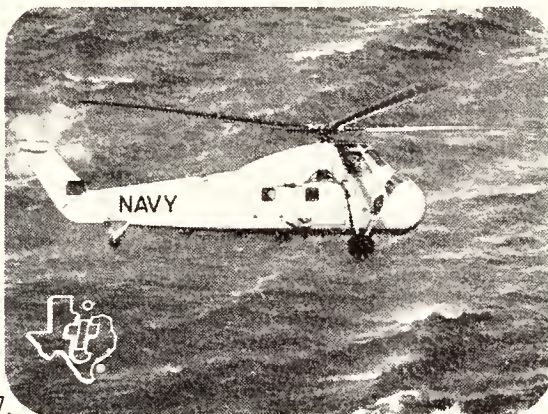
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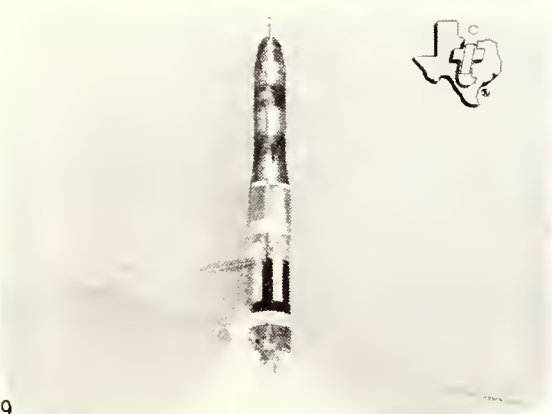
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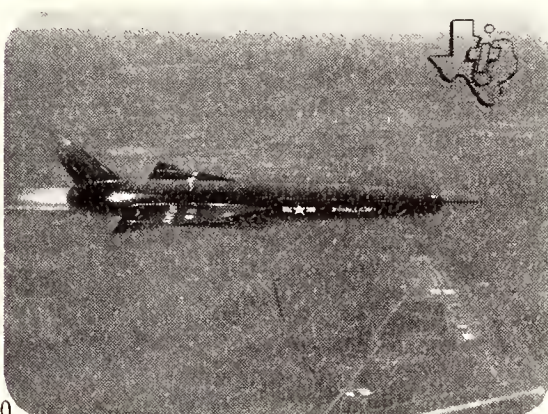
7.



8.



9.



10.



11.

A partial listing of equipment, designed, developed and manufactured by TI now operational in the Armed Forces includes:

1. AN/ASQ-8 magnetic anomaly detector, AN/AIC-15 intercom and TD-239A intervalometer for the U. S. Navy P2V ASW aircraft, built by Lockheed.
2. TARMAC ASR-4 Airport Surveillance Radar for the Federal Aviation Agency.
3. Infrared optics for the U.S.A.F. FALCON Air-to-Air Missile, built by Hughes.
4. Anti-personnel Mine Detector AN/PRS-3 (XR-12) for the Corps of Engineers.
5. AN/APS-38A surface search radar, AN/ASQ-8 magnetic anomaly detector for the U. S. Navy S2F-1 ASW aircraft, built by Grumman.
6. Telemetry and guidance subsystems for the U. S. Navy CORVUS Air-to-Surface Missile, designed and produced by Temco.

7. AN/AQS-4 and AN/AQS-5 dipping sonar for the U. S. Navy HSS-1N ASW helicopter, built by Sikorsky.
8. AN/APS-80 surface search radar, AN/APA-125A radar indicator, AN/ASQ-8 magnetic anomaly detector and TD-239A intervalometer for the U. S. Navy P5M-2 ASW patrol seaplane, produced by Martin.
9. Programmers for the U.S.A.F. TITAN Intercontinental Ballistic Missile, built by Martin.
10. Surveillance sensors for the U. S. Army Signal Corps SWALLOW AN/USD-4 Combat Reconnaissance Drone, produced by Republic Aviation.
11. Surveillance sensors for the U. S. Army Signal Corps AN/USD-5 Combat Reconnaissance Drone, produced by Fairchild.

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The man who wears this hat wears it proudly. He is the present and the future of America's strength in the air, symbol of aviation's most glowing era—the Jet Age. American Airlines salutes him. **AMERICAN AIRLINES** *America's Leading Airline*

NAA is at work in the fields of the future



Creed for a Test Pilot:

“prove all things; hold fast that which is good”

This generation has a rendezvous with Space. The man who will take the first all-important step toward that rendezvous is the test pilot. His challenge is to try the things that haven't been done before. The supreme risk is his... but the benefits belong to us all.

The vehicles he tests are the result of America's most advanced scientific knowledge and newest industrial skills. One such vehicle is the X-15, designed to carry the first American to the fringes of Space. This is an experimental rocket-powered plane to probe 100 miles into the sky at the speed of 3600 miles per hour.

The X-15 was designed, developed, and built by

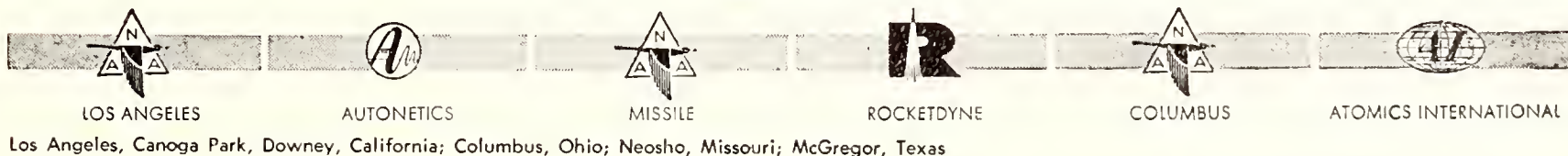
North American Aviation, the company that has built more airplanes and has more supersonic experience than any other company in the world.

Famous NAA airplanes that were ready when America needed them include the T-6 Texan trainer, P-51 Mustang, B-25 Mitchell, B-45 Tornado, F-86 Sabre, and the F-100 Super Sabre.

Now North American is applying its vast experience in the development of a revolutionary new aircraft designed to fly three times the speed of sound—the B-70 Valkyrie multi-purpose bomber for the Strategic Air Command.

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no end...

Today's astonishing progress in electronics is no accident—for the field has attracted the kind of imaginative people who have always set the bench marks for man's progress. Hughes was built by people like these. They are prepared to cut away old restraints; to plunge ahead to new discovery; to build and prove the "impossible." In just ten years they have made Hughes one of America's leading producers of advanced electronics.

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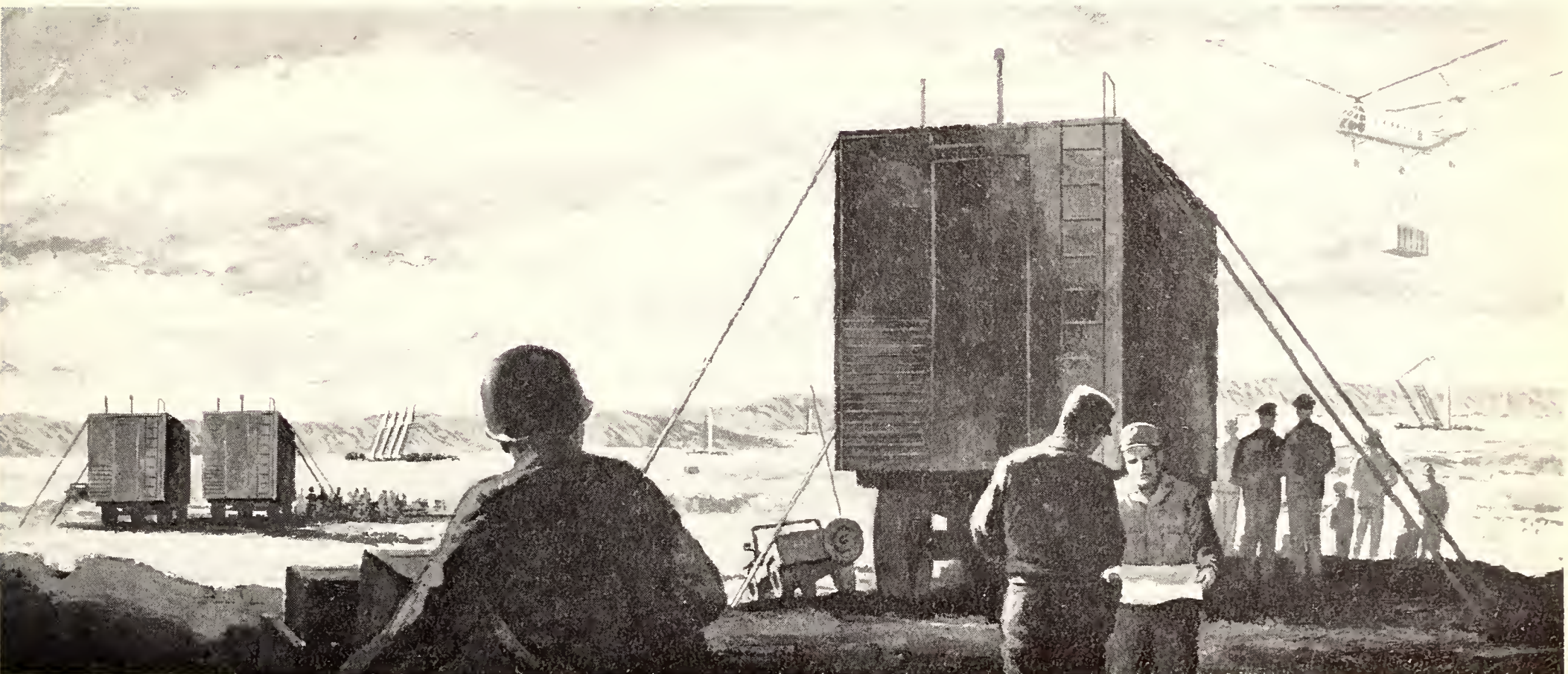
HUGHES

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Hughes Aircraft Company,
Culver City, El Segundo, Fullerton, Newport Beach,
Malibu, Los Angeles, California; Tucson, Arizona

**Multi-Use
Automated
Maintenance**

MPTE



The recent demonstration of multi-purpose test equipment (MPTE), developed by RCA under a series of Army Ordnance contracts, highlights *a new dimension in automated multi-use systems support* and culminates a long-term RCA effort in this field. This General Evaluation Equipment is an automated, transistorized, dynamic check-out system. It contains a completely modularized array of electronic and mechanical

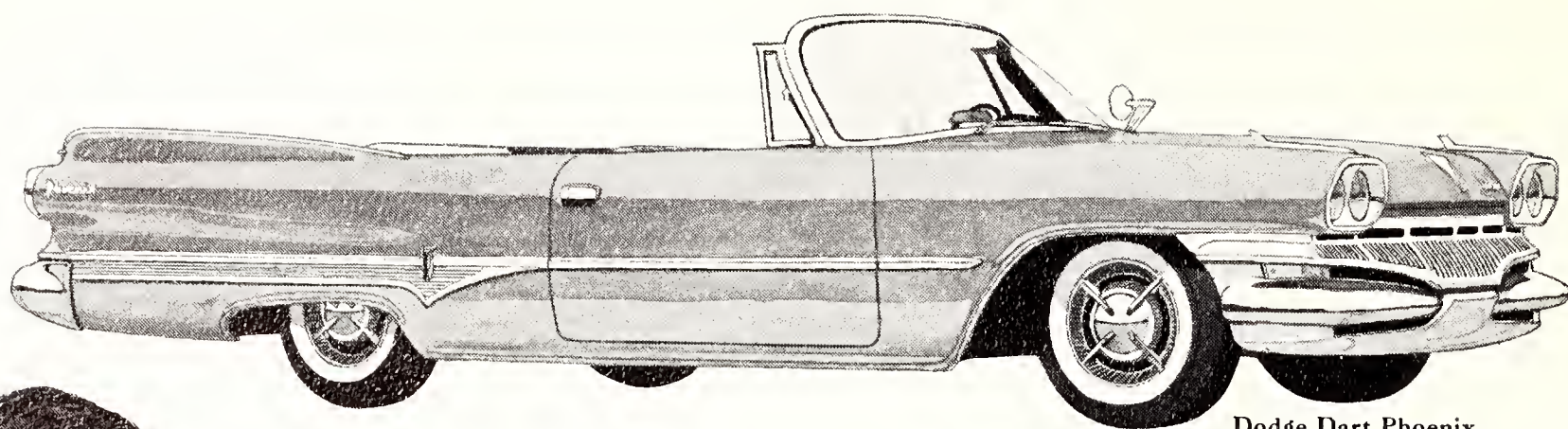
evaluation equipment, capable of checking a variety of electromechanical devices, ranging from radar subassemblies to missile guidance computers. MPTE provides the stimuli, programming, control, measurement and test functions for the NIKE AJAX, NIKE HERCULES, LACROSSE, HAWK and CORPORAL missile systems and has been extended to other weapons systems related to our defense efforts.



RADIO CORPORATION of AMERICA

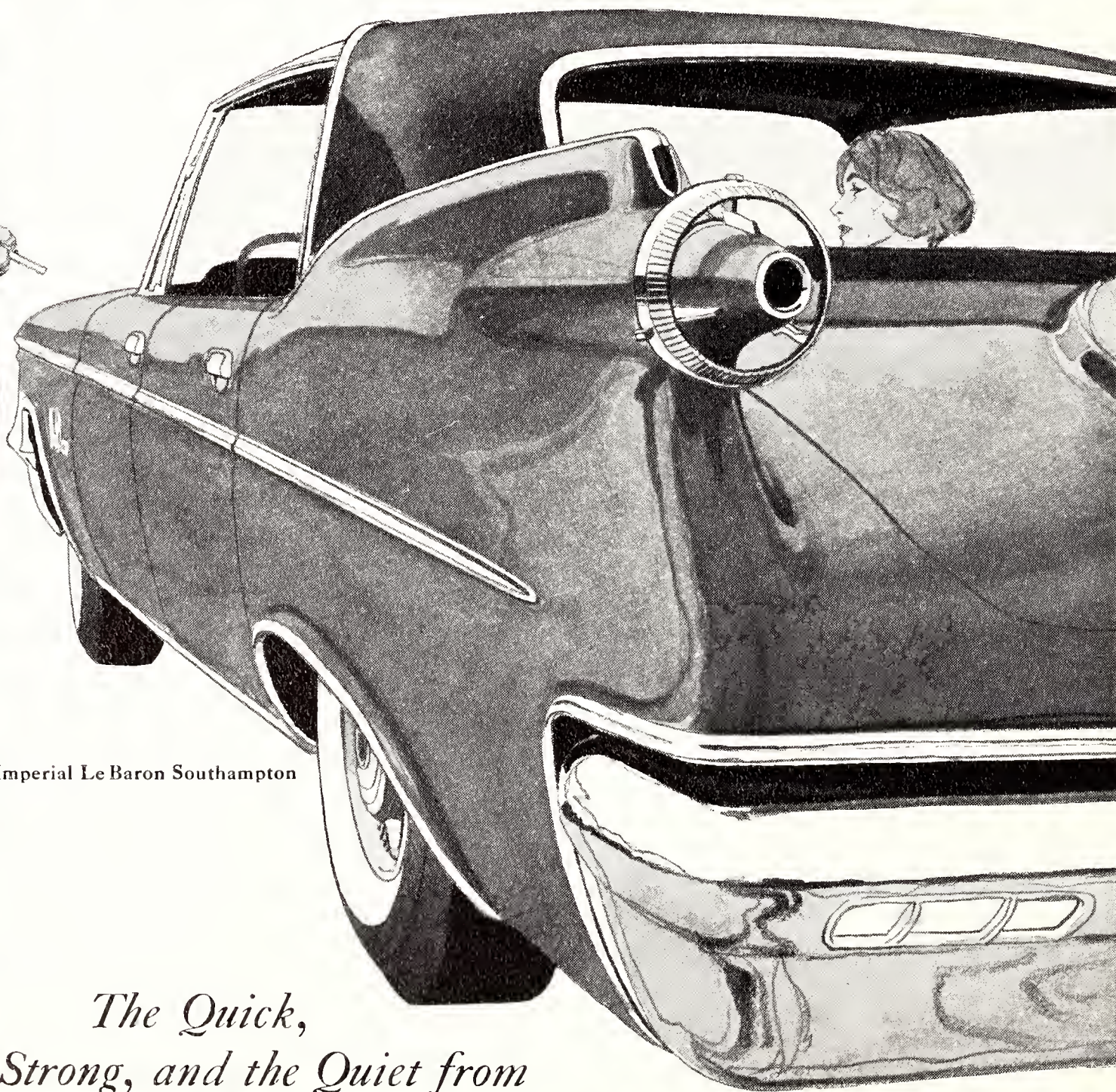
DEFENSE ELECTRONIC PRODUCTS

CAMDEN, NEW JERSEY



Dodge Dart Phoenix

Pure Automobile



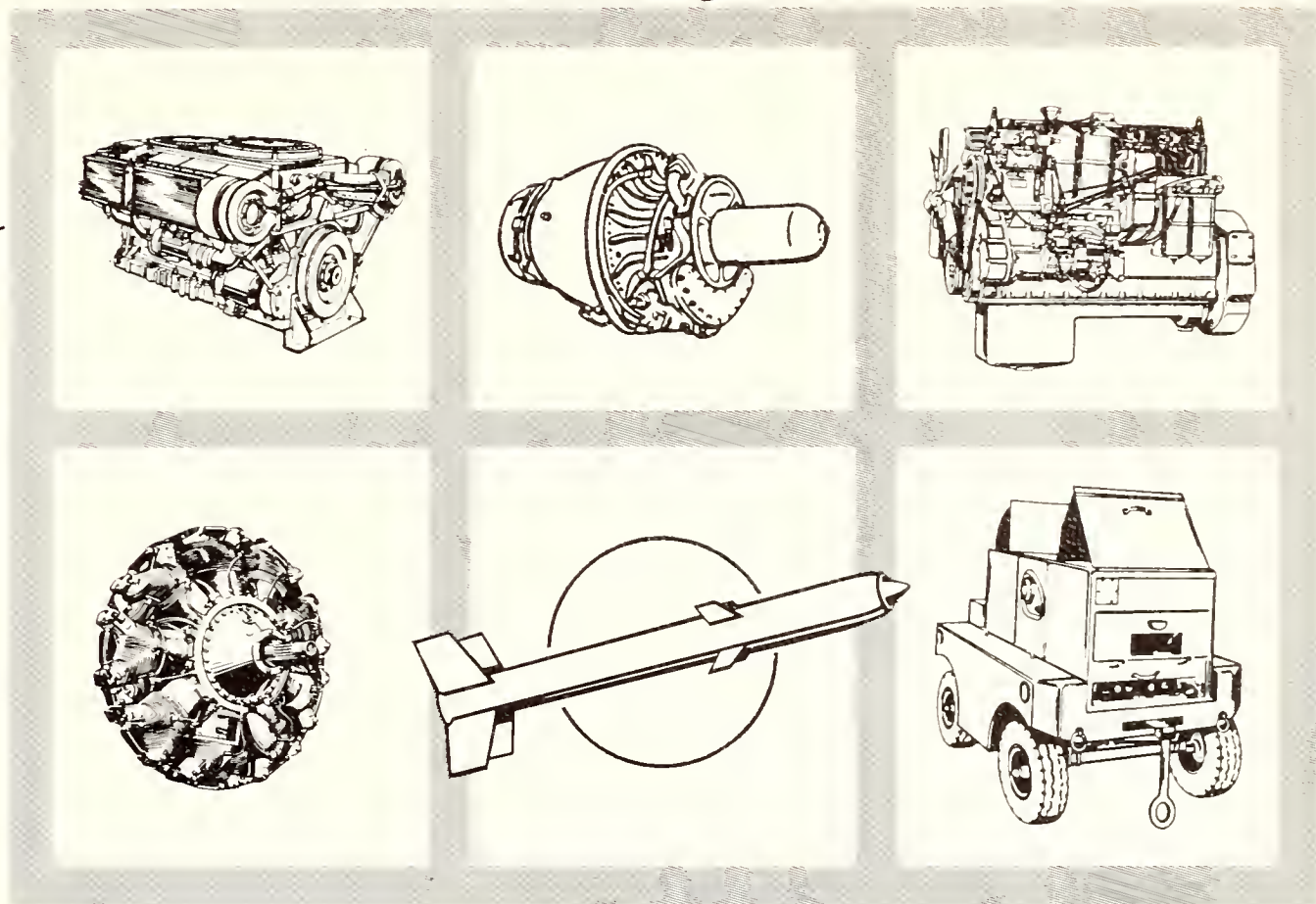
Imperial Le Baron Southampton

*The Quick,
the Strong, and the Quiet from*

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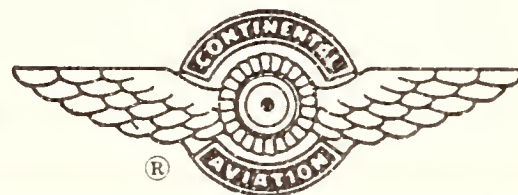


Continental Motors Corporation

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12700 KERCHEVAL, DETROIT 15, MICHIGAN





Albert Einstein...on the chief interest of science


"It is not enough that you should understand about applied science in order that your work may increase man's blessings. Concern for man himself and his fate must always form the chief interest of all technical endeavors, concern for the great un-

solved problems of the organization of labor and the distribution of goods — in order that the creations of our mind shall be a blessing and not a curse to Mankind. Never forget this in the midst of your diagrams and equations."

—Address, California Institute of Technology, 1931

THE RAND CORPORATION, SANTA MONICA, CALIFORNIA

A nonprofit organization engaged in research on problems related to national security and the public interest



He has brainstorm ...to order

He's one of a group of AMF scientists who develop solutions to the utterly original problems of modern defense and human penetration of space. He doesn't build *better* mouse-traps. His business is completely new kinds of traps for mice that have never been caught.

Examples: A method of recovering potable water from human waste fluid, the major source of water in a sealed space vehicle...Methods of analyzing the effects of a nuclear blast on the earth's crust, how it changes the character of soil and rock, how its shock is propagated, what sort of building structure will withstand it...Platforms on which will be mounted primary standards calibration instruments for missile guidance systems. These platforms must be so vibration-free that natural earth movements must be compensated for. Platform vibrations are limited to millionths of an inch...A method of predicting temperatures in missile nose cones upon re-entry.

Single Command Concept

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AMF people are organized in a *single operational unit* offering a wide range of engineering and production capabilities. Its purpose: to accept assignments at any stage from concept through development, production, and service training... and to complete them faster...in

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- *Weapon Systems*
- *Undersea Warfare*
- *Radar*
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- *Range Instrumentation*
- *Space Environment Equipment*
- *Nuclear Research & Development*

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An achievement in
defense electronics

NEW THERMOPLASTIC RECORDING DISPLAY ACHIEVES

Detection to Projection in Less than a Second

Large-screen display of radar signals can be recorded and projected in less than a second. This advanced technique in information display is an example of one application of the new thermoplastic recording system developed by General Electric.

The grainless, thermoplastic film eliminates processing delays and permits, with higher resolution, much greater enlargement than is practical with high-speed photographic film. Target delineation is also significantly improved by optical filtering used to increase the signal-to-noise ratio.

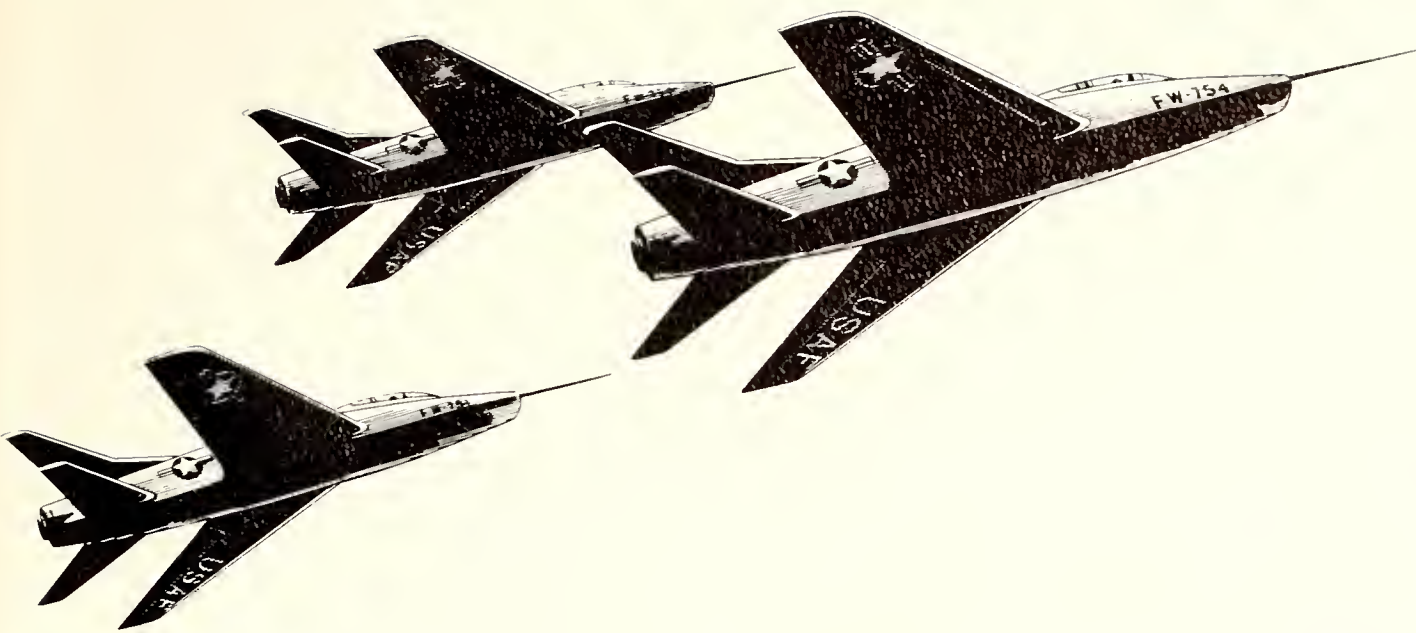
Now undergoing final development in General Electric's Electronics Laboratory, the "thermoplastic display" is expected to find maximum application in the high-speed radar systems of the future.

176-03

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GENERAL  ELECTRIC

DEFENSE ELECTRONICS DIVISION
HEAVY MILITARY ELECTRONICS DEPARTMENT
SYRACUSE, NEW YORK



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From Fairbanks, Morse & Co., sincere best wishes. Our heartiest congratulations to recent graduates. Warmest greetings to cadets, faculty—to everyone connected with the Air Force Academy.

As you may know, Fairbanks-Morse has been well-acquainted with the Academy since its start. Our company provided pumps for your water supply, scales for the handling of food. We have come to know the dedicated individuals on your staff as well as the breathtakingly beautiful, vast

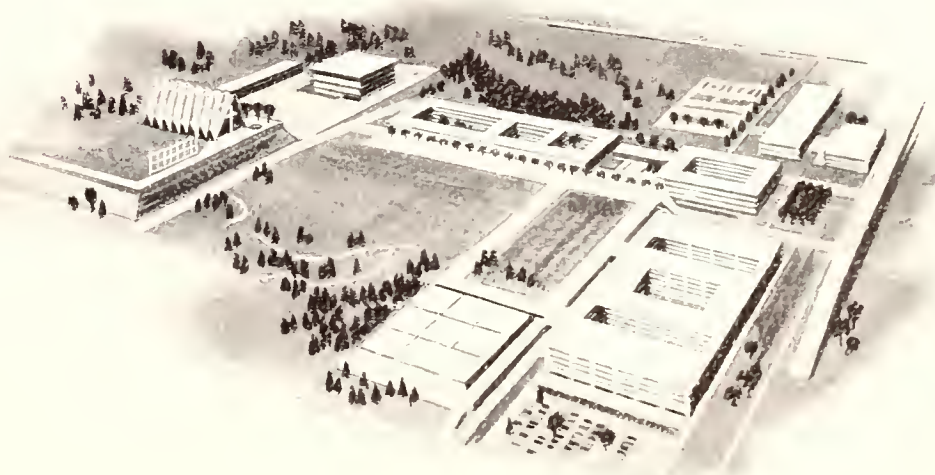
campus at the foot of the Rockies.

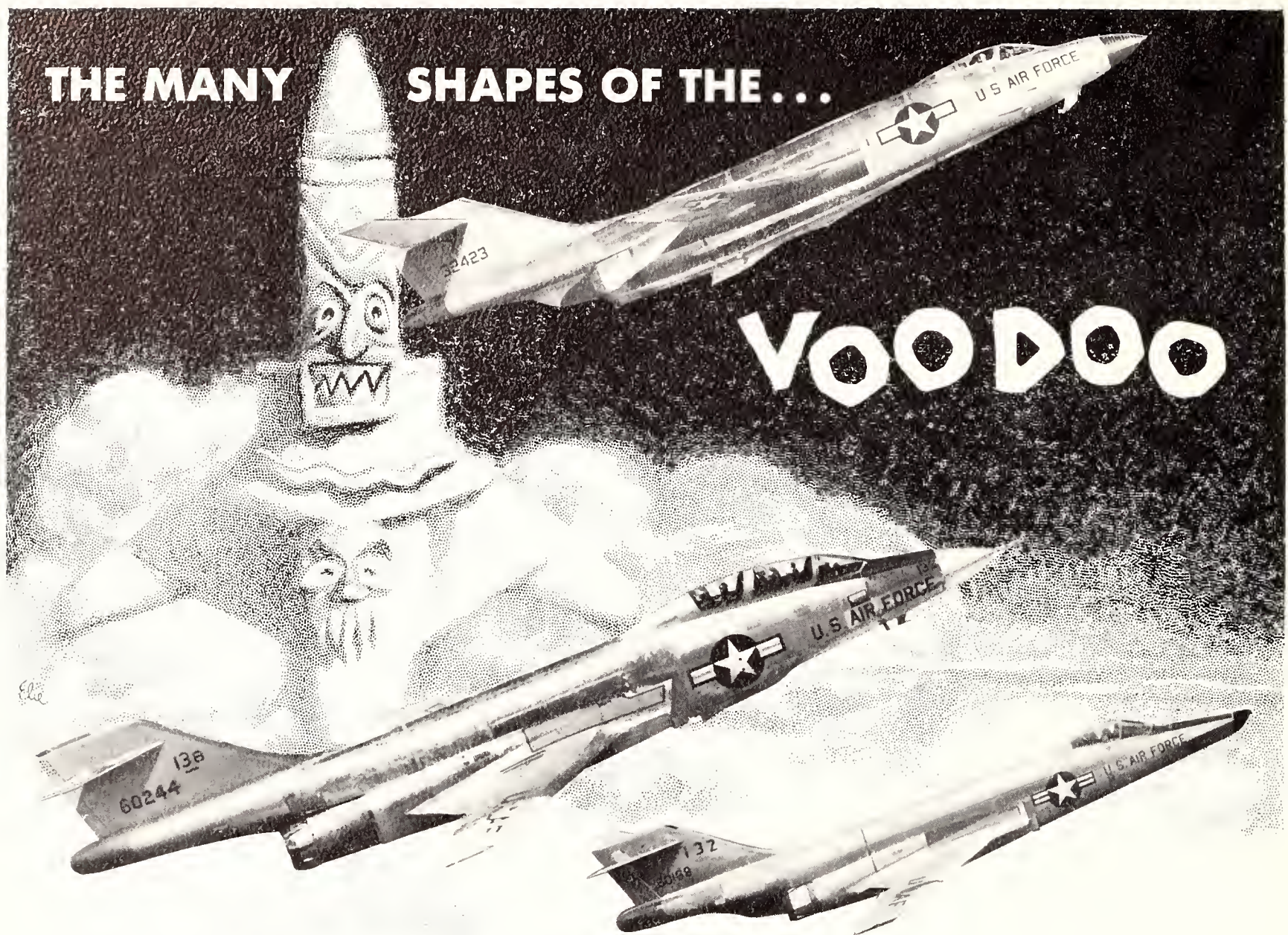
And we have viewed at close range the excellence of your training, the loftiness of your goals. Your unyielding determination to defend America's citizenry—its freedoms—brought the Academy into existence and will sustain it in the future. The contributions you are making to national security make it possible for those like us to continue unharried the production of machines and services for an advancing mankind.

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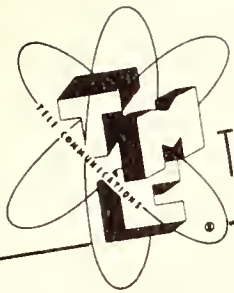


Air Force planners, utilizing the high speed, long range capabilities of the McDonnell F-101 Voodoo series harnessed that power and range to accomplish three important missions for the Air Force. The F-101 is providing TAC with long range fighter-bomber capability. The RF-101 adapts the speed, range and mid-air refueling capability of the aircraft to the reconnaissance needs of the Tactical Air Command. The F-101B two-place, all-weather interceptor aircraft is used by the Air Defense Command squadrons to deliver a lethal load of Genie and Falcon missiles.

The speed, range, firepower and safety of the Voodoo all add up to **DEPENDABILITY**, a characteristic inherent in every product produced by the 22,000 members of the McDonnell engineering and manufacturing team. In addition to the F-101B, McDonnell is currently producing the Quail missile for the Air Force, the F4H Phantom II all-weather fighter and the Talos missile airframe and propulsion units for the Navy and the Project Mercury capsule and escape system for the National Aeronautics and Space Administration.

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Gentlemen:

We wish to take this opportunity to congratulate each of you in the 1960 Graduating Class and also to wish you every success as an officer in the United States Air Force.

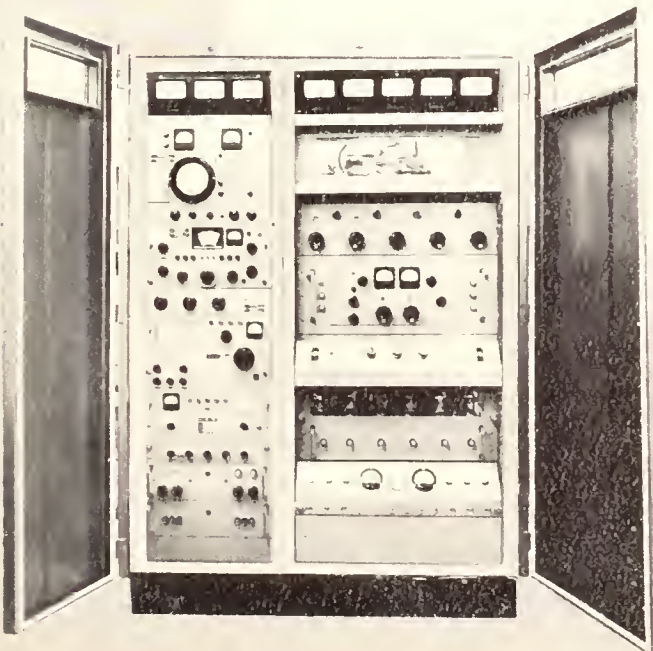
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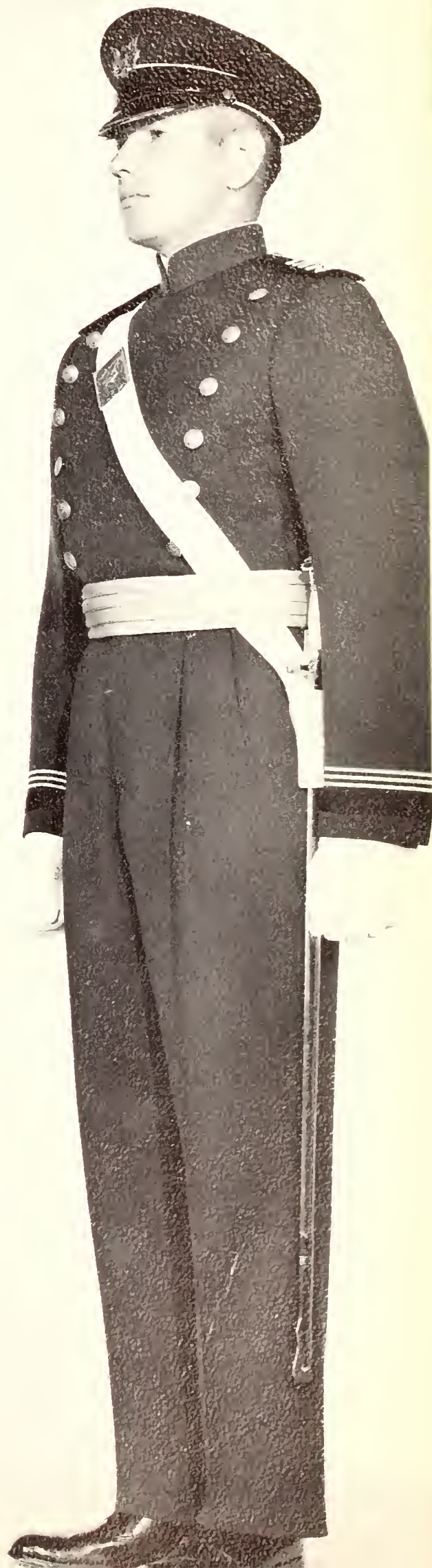
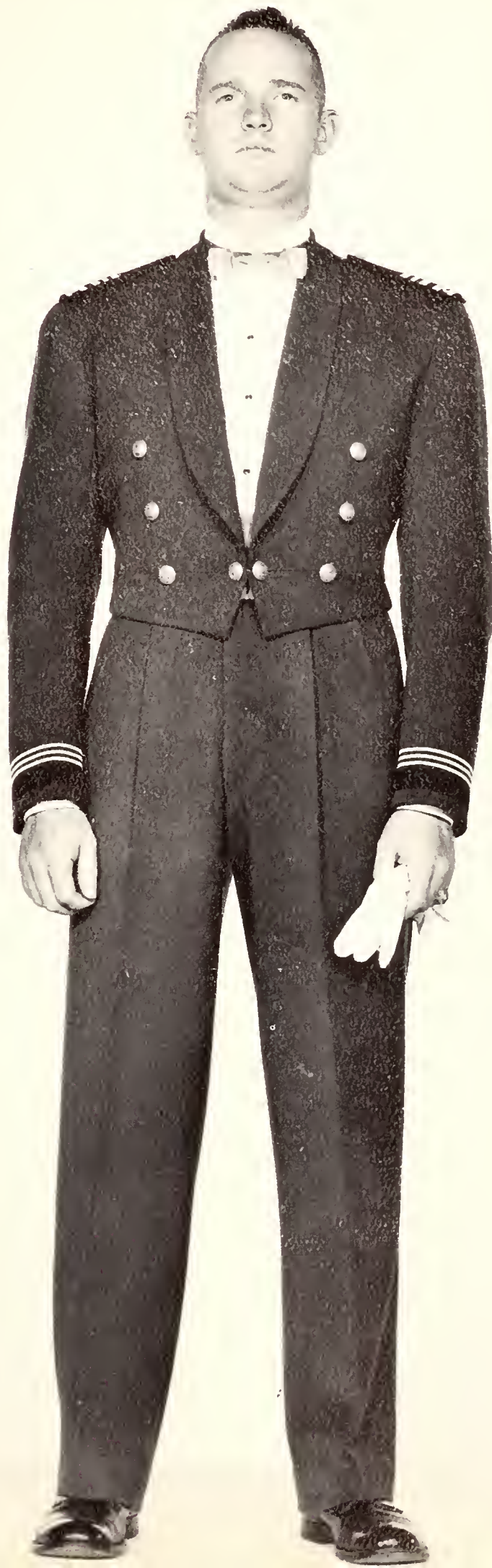
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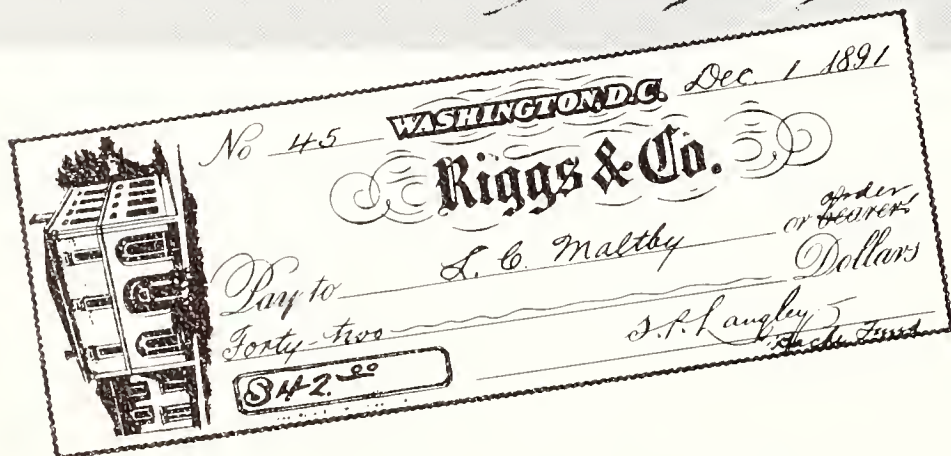
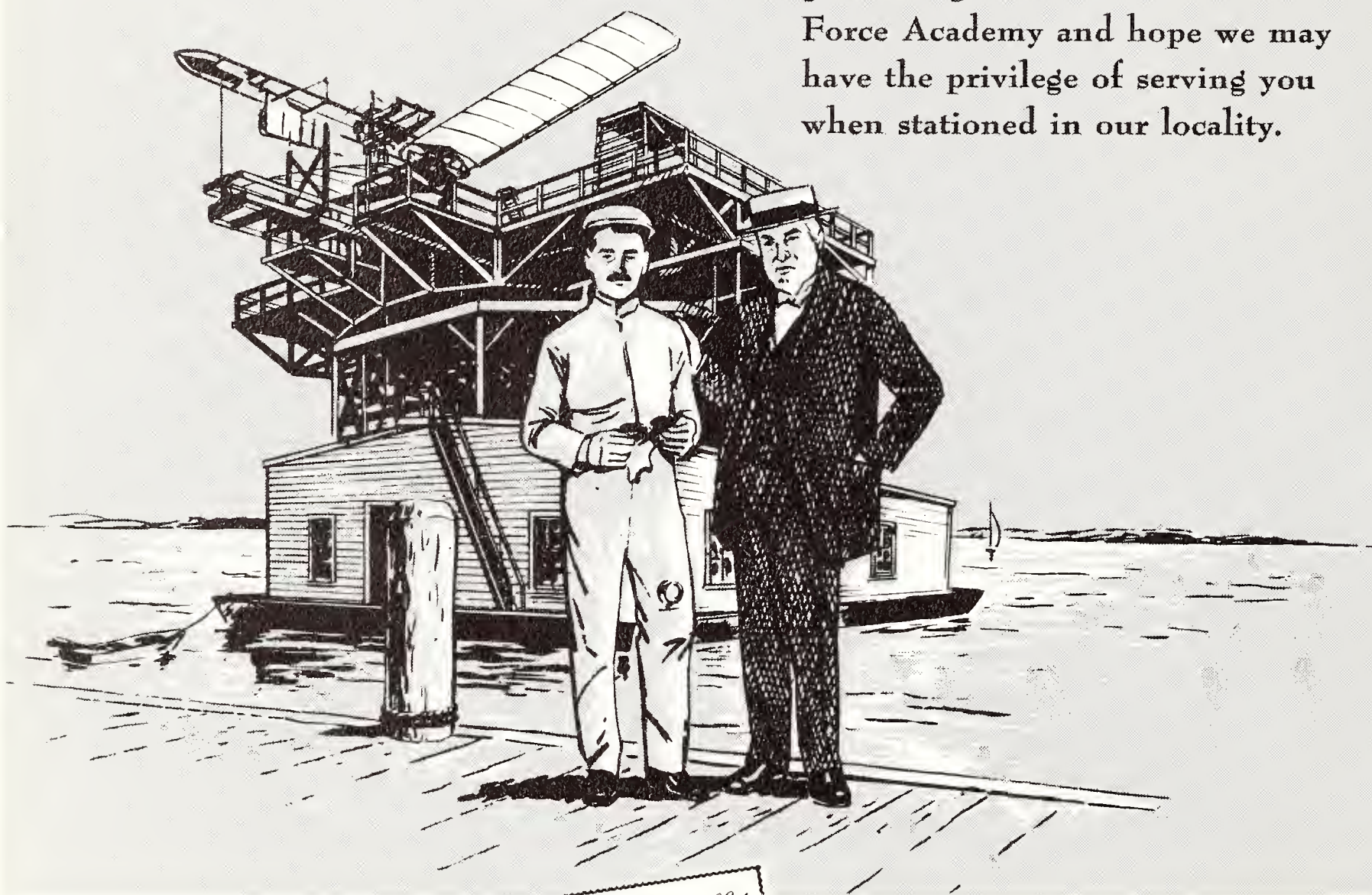
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As is well-known, Dr. Langley missed even greater fame when, on October 7, 1903, (ten weeks before the Wright brothers' first flight) his larger man-carrying "aerodrome" plunged into the Potomac River at Widewater, Virginia, when its landing gear fouled.

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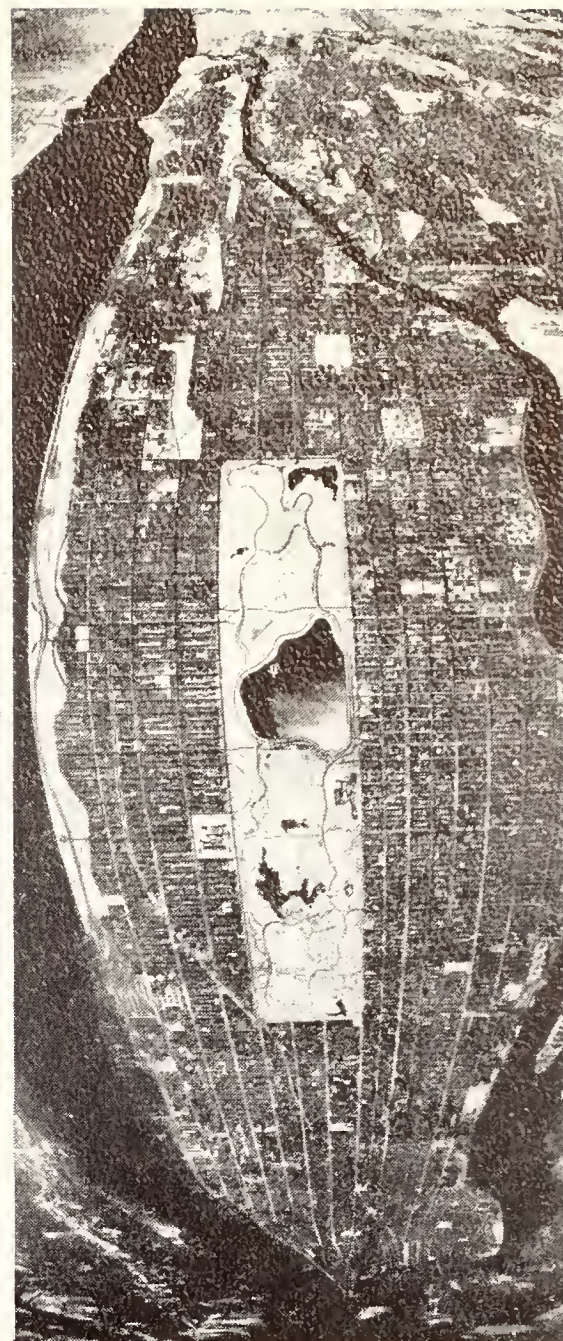
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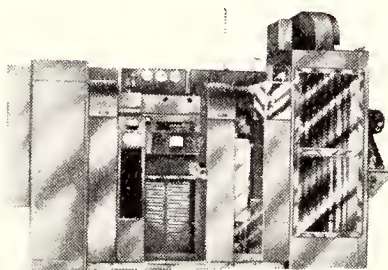
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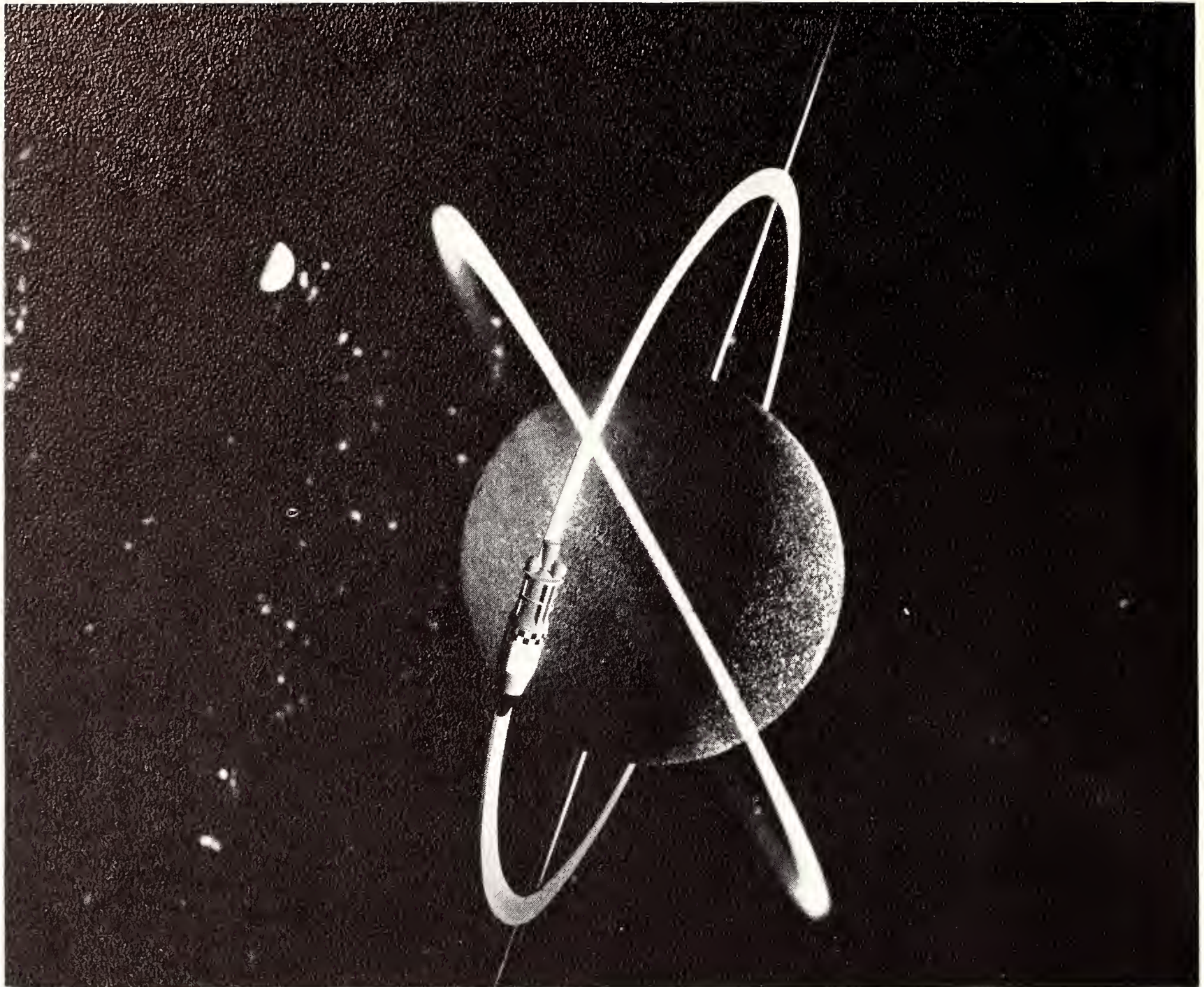
In pioneering the field of Information Technology, Itek has assembled a staff of highly qualified scientists and engineers dedicated to the advancement of the art of communications. By combining these talents with those of highly competent systems development groups and providing facilities for precision manufacturing, Itek is able to translate advanced communications concepts into useful information-handling systems. For example, Itek has produced a prototype aerial reconnaissance ground handling system that is now in operation by the Air Force's Aeronautical Chart and Information Center at Vint Hills, Va. This system may become a historic forerunner of comprehensive information-handling systems that will give the U.S. a technological "giant's step" toward insuring lasting world peace.

The Itek prototype system was designed basically to automatically process, index, reproduce and display 70 mm high-resolution panoramic aerial photographs. The entire process from receipt of raw exposed film to finished duplicates for viewing or plotting can be completed within two hours.

Through development projects such as this aerial reconnaissance ground handling system and Company funded research programs that encompass all the basic disciplines of advanced communications theories, Itek has established itself as a leader in the development of systems and equipment for information processing.

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The Agena engine, designed with space in mind long before space became a household word, has fulfilled its every mission and has placed more tons of useful payload into orbit than any other power plant. Its operational reliability is backed by six years of development and 5,000 test firings.

This Bell engine now has re-start capability — the first in the nation. This means that its satellite can change orbit **in space** without the penalty of extra engines. Presently in production, this engine also is adaptable to new fuels and new assignments and, consequently, is programmed for important military and peaceful space ventures of the future.

Agena's engine is typical of the exciting projects in Bell's rocket propulsion center. It is part of the dynamic new approach of a company that's forging ahead in rocketry, avionics and space techniques. These skills serve all government agencies. Engineers and scientists anxious for a new kind of personal challenge can find it at Bell.



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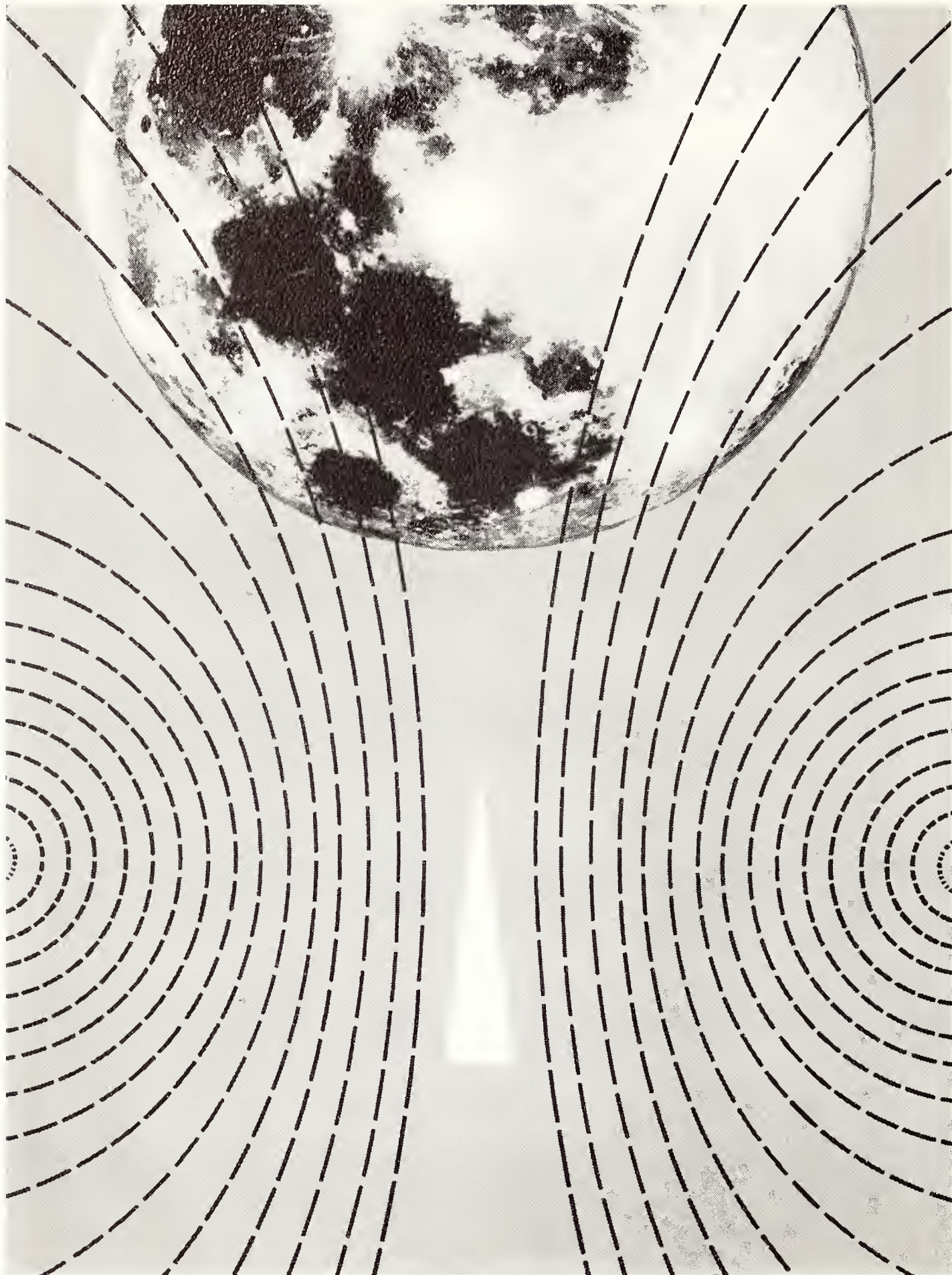
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Advertising Index

Alpha Corporation	337
American Airlines	354
American Bosch Arma Corporation	330
American Express Company	367
American Machine and Foundry Company	361
Avco Corporation	376
Bell Aerosystems Company	374
Boeing	331
Broadmoor Hotel	351
Chance Vaught	328
Chevrolet	334
Chrysler Corporation	358
Clifton Precision Products Co., Inc.	340
Coca-Cola	332
Continental Aviation & Engineering Corp.	359
Convair (a Division of General Dynamics Corporation)	329
Douglas	347
Fairbanks, Morse	363
Ford Motor Company	371
General Dynamics Corporation	341
General Electric	362
Government Products Group	361
Grumman Aircraft Engineering Corporation	350
Harvey Aluminum Sales, Inc.	370
Hughes Aircraft Company	356
Information Technology Laboratories	373
International Business Machines Corporation	344
International Telephone & Telegraph Corporation	338
Martin	339
McDonnell Aircraft	364
Newsfoto Publishing Co.	336
North American Aviation, Inc.	355
Northrop Corporation	366
Philco	348
RCA Radio Corporation of America	357
Republic Aviation	335
Sperry Rand Corporation	345
Stetson Shoe Company	346
Switlik Parachutes, Inc.	375
Temco Missiles & Aircraft	343
Texas Instruments, Inc.	353
The Budd Company	352
The Denver Laundry	368
The Globe Tailoring Company	369
The Rand Corporation	360
The Riggs National Bank	372
The Technical Materiel Corporation	365
Tony Darnell, Photographer	333
United American Life Insurance Company	349
Vanguard Military Equipment Co.	378
Wesco Electrical Co., Inc.	377
Winchester	342





